

TRC

June 23, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS KOSEL

SITE: BULK PLANT 0220
720 NORTH FRANKLIN STREET
FORT BRAGG, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2006

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for Bulk Plan 0220, located at 720 North Franklin Street, Fort Bragg, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC



Anju Farfan
QMS Operations Manager

CC: Mr. Sean Coyle, SECOR International, Inc. (4 copies)

Enclosures
20-0400/0220R011.QMS





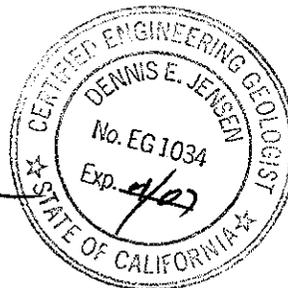
**QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2006**

BULK PLANT 0220
720 North Franklin Street
Fort Bragg, California

Prepared For:

Mr. Thomas Kosel
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, CA 95818

By:



Senior Project Geologist, Irvine Operations
June 21, 2006



LIST OF ATTACHMENTS

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Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
April 2006 through June 2006
Bulk Plant 0220
720 North Franklin Street
Fort Bragg, CA

Project Coordinator: **Thomas Kosel**
Telephone: **916-558-7666**

Water Sampling Contractor: **TRC**
Compiled by: **Allan Ramirez**

Date(s) of Gauging/Sampling Event: **05/04/06**

Sample Points

Groundwater wells: **6** onsite, **6** offsite Wells gauged: **12** Wells sampled: **4**
Purging method: **Diaphragm pump / bailer**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

Wells with LPH: **0** Maximum thickness (feet): **n/a**
LPH removal frequency: **n/a** Method: **n/a**
Treatment or disposal of water/LPH: **n/a**

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **7.91 feet** Maximum: **12.65 feet**
Average groundwater elevation (relative to available local datum): **68.71 feet**
Average change in groundwater elevation since previous event: **-1.62 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.02 ft/ft, northwest**
 Previous event: **0.03 ft/ft, northwest (02/02/06)**

Selected Laboratory Results

Wells with detected **Benzene**: **0** Wells above MCL (1.0 µg/l): **n/a**
 Maximum reported benzene concentration: **n/a**

Wells with **TPH-D** **2** Maximum: **6,000 µg/l (MW-4)**
Wells with **TPH-G by GC/MS** **3** Maximum: **8,000 µg/l (MW-8)**
Wells with **MTBE** **0**

Notes:

MW-10=Sampled Q1 and Q3 only, MW-12=Sampled Q1 and Q3 only, MW-2=Sampled Q1 and Q3 only, MW-3=Sampled Q1 and Q3 only, MW-5=Sampled Q1 and Q3 only, MW-6=Sampled Q1 only, MW-7=Sampled Q1 only, MW-9=Sampled Q1 only,

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
ug/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: $\text{Surface Elevation} - \text{Measured Depth to Water} + (\text{Dp} \times \text{LPH Thickness})$, where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to re-survey.

REFERENCE

TRC began groundwater monitoring and sampling Bulk Plant 0220 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables

Site: Bulk Plant 0220

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
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Table 1a	Well/ Date	Carbon Dioxide (Lab)	Field Conductivity	Field pH	Field Temp.	Pre-purge Dissolved Oxygen	Pre-purge ORP
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Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground- water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl- benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
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Table 2a	Well/ Date	Kerosene	TPH- Motor Oil	Total Oil and Grease	n-Butyl- benzene	sec-Butyl- benzene	Isopropyl- benzene	p- Isopropyl- toluene	Methane	n-Propyl- benzene	1,2,4- Trimethyl- benzene	1,3,5- Trimethyl- benzene	Fluorene	Phen- anthrene	Iron (dissolved)	Iron Ferrous
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Table 2b	Well/ Date	Manganese (dissolved)	Nitrate	Sulfate	Carbon Dioxide (Lab)	TDS	Field Conductivity	Field pH	Field Temp.	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
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Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
May 4, 2006
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1		(Screen Interval in feet: 10.5-20.5)													
05/04/06	80.04	10.96	0.00	69.08	-1.90	270	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-2		(Screen Interval in feet: 10.5-25.5)													
05/04/06	80.71	10.88	0.00	69.83	-0.99	--	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-3		(Screen Interval in feet: 10.0-22.0)													
05/04/06	79.44	10.79	0.00	68.65	-1.40	--	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-4		(Screen Interval in feet: 10.0-20.0)													
05/04/06	81.62	11.46	0.00	70.16	-1.54	6000	--	620	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5		(Screen Interval in feet: 10.0-20.0)													
05/04/06	82.47	12.65	0.00	69.82	-5.04	--	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-6		(Screen Interval in feet: 8.0-18.0)													
05/04/06	79.00	9.42	0.00	69.58	-1.37	--	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-7		(Screen Interval in feet: 8.0-18.0)													
05/04/06	80.96	9.45	0.00	71.51	-1.53	--	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-8		(Screen Interval in feet: 6.0-18.0)													
05/04/06	77.23	9.31	0.00	67.92	-1.82	--	--	8000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9		(Screen Interval in feet: 9.0-20.0)													
05/04/06	75.96	7.91	0.00	68.05	0.43	--	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-10		(Screen Interval in feet: 4.0-19.0)													
05/04/06	74.90	8.53	0.00	66.37	-1.17	--	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-11		(Screen Interval in feet: 4.0-20.0)													
05/04/06	76.43	9.11	0.00	67.32	-1.72	--	--	72	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-12		(Screen Interval in feet: 4.0-19.0)													
05/04/06	75.65	9.43	0.00	66.22	-1.43	--	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Carbon Dioxide (Lab) (mg/l)	Field Conductivity (mmhos/cm)	Field pH (pH unit)	Field Temp (deg. F)	Pre-purge Dissolved Oxygen (mg/l)	Pre-purge ORP (mV)
MW-1 05/04/06	11	0.23	3.4	60.5	2.40	213
MW-2 05/04/06	5	0.22	3.33	61.3	5.04	223
MW-3 05/04/06	5	0.24	3.42	61.0	3.83	218
MW-4 05/04/06	6	0.17	3.25	60.5	0.75	248
MW-5 05/04/06	4	0.16	3.90	56.4	1.93	106
MW-6 05/04/06	8	0.19	3.24	60.9	2.28	221
MW-7 05/04/06	7	0.13	3.33	58.8	4.69	225
MW-8 05/04/06	6	0.30	4.14	56.7	0.77	025
MW-9 05/04/06	8	0.17	3.61	57.9	4.12	152
MW-10 05/04/06	5	0.22	3.44	58.8	6.02	197
MW-11 05/04/06	3	0.21	3.69	56.6	6.22	150
MW-12 05/04/06	3	0.22	3.58	57.5	6.87	183

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-1		(Screen Interval in feet: 10.5-20.5)													
02/07/89	--	--	--	--	--	120000	4900	--	31	12	26	53	--	--	
08/03/89	--	--	--	--	--	5000	270	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to construction
01/26/90	--	--	--	--	--	1200	1500	--	50	23	1.0	100	--	--	
04/30/90	--	--	--	--	--	1100	690	--	0.89	ND	1.8	0.59	--	--	
07/30/90	--	--	--	--	--	1100	740	--	2.0	3.2	3.7	1.1	--	--	
10/29/90	--	--	--	--	--	330	ND	--	ND	0.74	ND	ND	--	--	
01/29/91	--	--	--	--	--	940	94	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	290	ND	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	3500	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/21/92	--	--	--	--	--	250	220	--	ND	0.61	2.4	0.66	--	--	
04/24/92	--	--	--	--	--	330	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	420	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	77.32	11.43	0.00	65.89	--	180	220	--	ND	ND	ND	ND	--	--	
07/29/93	77.32	13.32	0.00	64.00	-1.89	180	ND	--	ND	ND	ND	ND	--	--	
10/27/93	77.10	14.50	0.00	62.60	-1.40	130	150	--	ND	ND	ND	ND	--	--	
01/24/94	77.10	12.28	0.00	64.82	2.22	200	90	--	ND	ND	ND	ND	--	--	
04/15/94	77.10	11.73	0.00	65.37	0.55	270	180	--	ND	ND	ND	ND	--	--	
09/14/94	77.10	14.52	0.00	62.58	-2.79	80	ND	--	ND	1.3	ND	1.0	--	--	
02/10/95	77.10	8.74	0.00	68.36	5.78	190	110	--	ND	ND	0.66	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1 continued															
08/22/95	77.10	13.75	0.00	63.35	-5.01	95	120	--	ND	ND	ND	0.65	--	--	
02/27/96	77.10	9.32	0.00	67.78	4.43	500	190	--	ND	ND	0.69	0.57	--	--	
08/27/96	77.08	13.80	0.00	63.28	-4.50	79	ND	--	ND	ND	ND	ND	--	--	
02/20/97	77.08	10.21	0.00	66.87	3.59	440	190	--	ND	ND	ND	ND	--	--	
08/19/97	77.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Covered by dirt
02/17/98	77.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Covered by dirt
08/04/98	77.08	13.11	0.00	63.97	--	128	60.1	--	ND	ND	ND	ND	--	--	
02/19/99	77.08	9.21	0.00	67.87	3.90	450	72	--	ND	ND	ND	ND	ND	--	
05/19/99	77.08	11.75	0.00	65.33	-2.54	ND	ND	--	ND	ND	ND	ND	ND	--	
08/05/99	77.08	15.48	0.00	61.60	-3.73	800	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	77.08	12.10	0.00	64.98	3.38	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/15/00	77.08	9.76	0.00	67.32	2.34	5400	630	--	ND	ND	ND	ND	ND	--	
05/11/00	77.08	11.80	0.00	65.28	-2.04	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/00	77.08	14.60	0.00	62.48	-2.80	690	120	--	ND	ND	ND	ND	ND	--	
11/27/00	77.08	12.98	0.00	64.10	1.62	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/14/01	77.08	11.81	0.00	65.27	1.17	3960	6900	--	ND	ND	ND	0.91	ND	--	
05/11/01	77.08	12.04	0.00	65.04	-0.23	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/01	77.08	14.50	0.00	62.58	-2.46	320	55	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	6.8	2.5	
11/30/01	77.08	11.63	0.00	65.45	2.87	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/07/02	77.08	10.51	0.00	66.57	1.12	3500	380	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/10/02	77.08	12.43	0.00	64.65	-1.92	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/15/02	77.08	14.83	0.00	62.25	-2.40	1100	100	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/02	77.08	13.84	0.00	63.24	0.99	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/13/03	77.08	10.45	0.00	66.63	3.39	37000	82	--	ND<0.50	ND<0.50	ND<0.50	0.95	ND<2.0	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-1 continued															
05/16/03	77.08	10.35	0.00	66.73	0.10	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/12/03	77.08	13.94	0.00	63.14	-3.59	270000	--	7000	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<20	
12/22/03	77.08	11.41	0.00	65.67	2.53	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
02/24/04	77.08	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
05/06/04	77.08	12.05	0.00	65.03	--	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
08/04/04	77.40	14.03	0.00	63.37	-1.66	100	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/10/04	77.64	13.72	0.00	63.92	0.55	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/03/05	77.64	10.92	0.00	66.72	2.80	450	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/05/05	77.64	11.43	0.00	66.21	-0.51	230	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/04/05	77.64	13.60	0.00	64.04	-2.17	3600	--	1000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/03/05	80.04	14.51	0.00	65.53	1.49	180	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/02/06	80.04	9.06	0.00	70.98	5.45	290	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	80.04	10.96	0.00	69.08	-1.90	270	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-2 (Screen Interval in feet: 10.5-25.5)															
02/07/89	--	--	--	--	--	1900	2800	--	4.1	ND	ND	7.4	--	--	
08/03/89	--	--	--	--	--	4800	74	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	1400	--	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	73	480	--	0.5	1.0	1.9	9.0	--	--	
04/30/90	--	--	--	--	--	230	340	--	ND	7.1	8.2	2.4	--	--	
07/30/90	--	--	--	--	--	340	70	--	0.45	ND	2.9	0.6	--	--	
10/29/90	--	--	--	--	--	ND	ND	--	ND	3.0	ND	ND	--	--	
01/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	71	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued															
07/19/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/24/92	--	--	--	--	--	77	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	61	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	77.94	11.42	0.00	66.52	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/29/93	77.94	13.13	0.00	64.81	-1.71	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	77.52	14.11	0.00	63.41	-1.40	--	--	--	--	--	--	--	--	--	Sampled semi-annually
01/24/94	77.52	12.20	0.00	65.32	1.91	ND	ND	--	ND	ND	ND	ND	--	--	
04/15/94	77.52	11.50	0.00	66.02	0.70	--	--	--	--	--	--	--	--	--	Sampled semi-annually
09/14/94	77.52	14.10	0.00	63.42	-2.60	70	ND	--	ND	1.4	ND	1.2	--	--	
02/10/95	77.52	8.68	0.00	68.84	5.42	ND	ND	--	ND	ND	ND	ND	--	--	
08/22/95	77.52	13.45	0.00	64.07	-4.77	ND	ND	--	ND	ND	ND	ND	--	--	
02/27/96	77.52	9.20	0.00	68.32	4.25	110	ND	--	ND	ND	ND	ND	--	--	
08/27/96	77.52	13.54	0.00	63.98	-4.34	ND	ND	--	ND	8.0	ND	ND	--	--	
02/20/97	77.52	10.00	0.00	67.52	3.54	ND	ND	--	ND	ND	ND	ND	--	--	
08/19/97	77.52	13.64	0.00	63.88	-3.64	ND	ND	--	ND	ND	ND	ND	--	--	
02/17/98	77.52	8.28	0.00	69.24	5.36	ND	ND	--	ND	ND	ND	ND	--	--	
08/04/98	77.52	12.92	0.00	64.60	-4.64	ND	ND	--	ND	ND	ND	ND	--	--	
02/19/99	77.52	8.81	0.00	68.71	4.11	ND	ND	--	ND	1.6	ND	ND	ND	--	
05/19/99	77.52	11.57	0.00	65.95	-2.76	ND	ND	--	ND	ND	ND	ND	ND	--	
08/05/99	77.52	14.47	0.00	63.05	-2.90	ND	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued															
11/24/99	77.52	11.95	0.00	65.57	2.52	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/15/00	77.52	9.53	0.00	67.99	2.42	ND	ND	--	ND	ND	ND	ND	4.3	6.3	
05/11/00	77.52	11.60	0.00	65.92	-2.07	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/00	77.52	14.47	0.00	63.05	-2.87	320	270	--	ND	ND	ND	ND	ND	--	
11/27/00	77.52	12.73	0.00	64.79	1.74	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/14/01	77.52	11.60	0.00	65.92	1.13	ND	ND	--	ND	ND	ND	ND	ND	--	
05/11/01	77.52	11.88	0.00	65.64	-0.28	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/01	77.52	14.36	0.00	63.16	-2.48	110	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/30/01	77.52	11.50	0.00	66.02	2.86	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/07/02	77.52	10.25	0.00	67.27	1.25	79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/10/02	77.52	12.32	0.00	65.20	-2.07	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/15/02	77.52	14.69	0.00	62.83	-2.37	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/02	77.52	13.68	0.00	63.84	1.01	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/13/03	77.52	10.25	0.00	67.27	3.43	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/16/03	77.52	10.17	0.00	67.35	0.08	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/12/03	77.52	13.76	0.00	63.76	-3.59	66	--	770	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/22/03	77.52	11.12	0.00	66.40	2.64	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
02/24/04	77.52	9.41	0.00	68.11	1.71	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/06/04	77.52	11.84	0.00	65.68	-2.43	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
08/04/04	77.98	13.89	0.00	64.09	-1.59	110	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/10/04	77.98	13.92	0.00	64.06	-0.03	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/03/05	77.98	10.79	0.00	67.19	3.13	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/05/05	77.98	11.41	0.00	66.57	-0.62	--	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-2 continued															
08/04/05	77.98	13.66	0.00	64.32	-2.25	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/03/05	80.71	14.34	0.00	66.37	2.05	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/02/06	80.71	9.89	0.00	70.82	4.45	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	80.71	10.88	0.00	69.83	-0.99	--	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-3 (Screen Interval in feet: 10.0-22.0)															
02/07/89	--	--	--	--	--	8100	7700	--	7.1	1.6	1.9	9.7	--	--	
08/03/89	--	--	--	--	--	3500	490	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	2400	--	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	210	93	--	ND	ND	ND	ND	--	--	
04/30/90	--	--	--	--	--	80	120	--	ND	3.8	ND	ND	--	--	
07/30/90	--	--	--	--	--	310	160	--	ND	2.1	ND	ND	--	--	
10/29/90	--	--	--	--	--	220	34	--	ND	10	ND	ND	--	--	
01/29/91	--	--	--	--	--	89	ND	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	170	ND	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	69	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
01/21/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
04/24/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	76.81	11.46	0.00	65.35	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/29/93	76.81	13.01	0.00	63.80	-1.55	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	76.33	13.68	0.00	62.65	-1.15	--	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued															
01/24/94	76.33	11.78	0.00	64.55	1.90	170	ND	--	ND	ND	ND	ND	--	--	
04/15/94	76.33	11.40	0.00	64.93	0.38	--	--	--	--	--	--	--	--	--	Sampled semi-annually
09/14/94	76.33	13.68	0.00	62.65	-2.28	85	ND	--	ND	1.4	ND	1.4	--	--	
02/10/95	76.33	8.33	0.00	68.00	5.35	ND	ND	--	ND	ND	ND	ND	--	--	
08/22/95	76.33	13.09	0.00	63.24	-4.76	ND	ND	--	ND	ND	ND	ND	--	--	
02/27/96	76.33	9.05	0.00	67.28	4.04	61	ND	--	ND	ND	ND	ND	--	--	
08/27/96	76.32	13.16	0.00	63.16	-4.12	ND	ND	--	ND	8.1	ND	ND	--	--	
02/20/97	76.32	9.88	0.00	66.44	3.28	ND	ND	--	ND	ND	ND	ND	--	--	
08/19/97	76.32	13.29	0.00	63.03	-3.41	ND	ND	--	ND	ND	ND	ND	--	--	
02/17/98	76.32	7.97	0.00	68.35	5.32	1100	ND	--	ND	ND	ND	ND	--	--	
08/04/98	76.32	12.70	0.00	63.62	-4.73	ND	ND	--	ND	ND	ND	ND	--	--	
02/19/99	76.32	8.67	0.00	67.65	4.03	ND	ND	--	ND	ND	ND	ND	ND	--	
05/19/99	76.32	11.52	0.00	64.80	-2.85	ND	ND	--	ND	ND	ND	ND	ND	--	
08/05/99	76.32	13.93	0.00	62.39	-2.41	ND	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	76.32	11.68	0.00	64.64	2.25	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/15/00	76.32	9.49	0.00	66.83	2.19	8800	710	--	ND	ND	ND	ND	ND	--	
05/11/00	76.32	11.41	0.00	64.91	-1.92	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/00	76.32	13.93	0.00	62.39	-2.52	14000	2400	--	ND	ND	ND	ND	ND	--	Sheen
11/27/00	76.32	12.61	0.00	63.71	1.32	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/14/01	76.32	11.50	0.00	64.82	1.11	86.3	ND	--	ND	ND	ND	ND	ND	--	
05/11/01	76.32	11.79	0.00	64.53	-0.29	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/01	76.32	13.88	0.00	62.44	-2.09	990	1200	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/30/01	76.32	11.01	0.00	65.31	2.87	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/07/02	76.32	10.17	0.00	66.15	0.84	110	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-3 continued															
05/10/02	76.32	12.14	0.00	64.18	-1.97	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/15/02	76.32	14.17	0.00	62.15	-2.03	3300	1400	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/02	76.32	13.33	0.00	62.99	0.84	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/13/03	76.32	13.09	0.00	63.23	0.24	280	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/16/03	76.32	10.06	0.00	66.26	3.03	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/12/03	76.32	13.42	0.00	62.90	-3.36	490	--	3200	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<20	
12/22/03	76.32	11.22	0.00	65.10	2.20	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
02/24/04	76.32	9.26	0.00	67.06	1.96	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/06/04	76.32	11.78	0.00	64.54	-2.52	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
08/04/04	76.82	13.71	0.00	63.11	-1.43	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/10/04	76.82	13.63	0.00	63.19	0.08	500	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/03/05	76.82	10.81	0.00	66.01	2.82	230	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/05/05	76.82	11.38	0.00	65.44	-0.57	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/04/05	76.82	13.36	0.00	63.46	-1.98	170	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/03/05	79.44	14.02	0.00	65.42	1.96	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/02/06	79.44	9.39	0.00	70.05	4.63	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	79.44	10.79	0.00	68.65	-1.40	--	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-4 (Screen Interval in feet: 10.0-20.0)															
02/07/89	--	--	--	--	--	160000	8800	--	87	3.9	39	280	--	--	
08/03/89	--	--	--	--	--	50000	3300	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to construction
01/26/90	--	--	--	--	--	94000	17000	--	140	150	25	300	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued															
04/30/90	--	--	--	--	--	10000	2200	--	4.9	1.8	2.4	4.3	--	--	
07/30/90	--	--	--	--	--	12000	2700	--	4.6	4.4	3.9	7.1	--	--	
10/29/90	--	--	--	--	--	21000	1300	--	6.2	3.4	2.6	4.0	--	--	
01/29/91	--	--	--	--	--	47000	6500	--	2.1	ND	3.1	4.6	--	--	
04/26/91	--	--	--	--	--	2800	1600	--	ND	ND	ND	8.1	--	--	
07/19/91	--	--	--	--	--	34000	1500	--	1.2	2.3	1.3	1.7	--	--	
10/21/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of a sheen
01/21/92	--	--	--	--	--	18000	590	--	1.0	0.62	0.69	2.3	--	--	
04/24/92	--	--	--	--	--	22000	4400	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	28000	850	--	0.98	1.1	1.4	1.1	--	--	
10/26/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
01/27/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
04/30/93	79.24	12.38	0.00	66.86	--	47000	2900	--	ND	ND	ND	ND	--	--	Sheen
07/29/93	79.24	14.27	0.00	64.97	-1.89	260000	1200	--	5.2	ND	ND	3.2	--	--	Sheen
10/27/93	78.93	15.48	0.00	63.45	-1.52	22000	1800	--	ND	ND	ND	ND	--	--	Sheen
01/24/94	78.93	13.55	0.00	65.38	1.93	27000	940	--	ND	ND	ND	2.8	--	--	Sheen
04/15/94	78.93	12.69	0.00	66.24	0.86	17000	3200	--	ND	ND	2.6	10	--	--	
09/14/94	78.93	15.50	0.00	63.43	-2.81	18000	3400	--	ND	19	ND	27	--	--	Sheen
02/10/95	78.93	9.60	0.00	69.33	5.90	38000	81000	--	ND	ND	ND	ND	--	--	Sheen
08/22/95	78.93	14.76	0.00	64.17	-5.16	48000	18000	--	ND	ND	22	24	--	--	
02/27/96	78.93	9.11	0.00	69.82	5.65	260000	9500	--	ND	ND	3.2	1.7	--	--	Sheen
08/27/96	78.95	14.75	0.00	64.20	-5.62	130000	11000	--	ND	ND	ND	ND	--	--	Sheen

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued															
02/20/97	78.95	11.06	0.00	67.89	3.69	ND	150000	--	ND	ND	ND	ND	--	--	Sheen
08/19/97	78.95	15.00	0.00	63.95	-3.94	88000	2300	--	ND	ND	ND	ND	--	--	Sheen
02/17/98	78.95	9.14	0.00	69.81	5.86	9000	26000	--	ND	ND	ND	ND	--	--	Sheen
08/04/98	78.95	14.06	0.00	64.89	-4.92	60000	1680	--	ND	ND	ND	ND	--	--	Sheen
02/19/99	78.95	9.56	0.00	69.39	4.50	620	730	--	ND	ND	ND	ND	ND	--	
05/19/99	78.95	12.67	0.00	66.28	-3.11	ND	2400	--	ND	ND	ND	ND	ND	--	
08/05/99	78.95	15.42	0.00	63.53	-2.75	110000	1200	--	ND	ND	ND	ND	ND	--	
11/24/99	78.95	12.99	0.00	65.96	2.43	52000	21000	--	ND	ND	ND	ND	ND	--	Sheen
02/15/00	78.95	10.32	0.00	68.63	2.67	52000	4500	--	ND	ND	ND	ND	ND	--	Sheen
05/11/00	78.95	12.71	0.00	66.24	-2.39	7800	2400	--	5.2	ND	ND	18	ND	--	
08/09/00	78.95	15.47	0.02	63.49	-2.75	69000	620000	--	ND	ND	ND	ND	ND	--	
11/27/00	78.95	13.78	0.00	65.17	1.68	210000	85000	--	ND	ND	ND	ND	ND	--	
02/14/01	78.95	12.67	0.00	66.28	1.11	82700	80000	--	ND	ND	ND	ND	ND	--	
05/11/01	78.95	13.10	0.00	65.85	-0.43	210000	24000	--	ND	ND	ND	ND	ND	--	
08/09/01	78.95	15.31	0.00	63.64	-2.21	71000	3600	--	ND<10	ND<10	14	ND<10	ND<50	--	
11/30/01	78.95	12.38	0.00	66.57	2.93	120000	3400	--	ND<1.0	1.0	2.9	ND<1.0	ND<5.0	--	
02/07/02	78.95	11.42	0.00	67.53	0.96	210000	30000	--	ND<2.5	ND<2.5	15	19	ND<12	--	
05/10/02	78.95	13.50	0.00	65.45	-2.08	790000	21000	--	ND<5.0	9.5	12	16	ND<25	--	
08/15/02	78.95	15.76	0.00	63.19	-2.26	1700000	140000	--	ND<100	ND<100	ND<100	ND<100	ND<500	--	
11/14/02	78.95	14.64	0.00	64.31	1.12	72000	91000	--	ND<50	ND<50	910	1800	ND<250	--	
02/13/03	78.95	11.32	0.00	67.63	3.32	1300000	3100	--	ND<2.5	9.7	28	27	ND<10	--	
05/16/03	78.95	11.20	0.00	67.75	0.12	240000	5000	--	ND<2.5	ND<2.5	19	21	ND<12	--	
08/12/03	78.95	14.83	0.00	64.12	-3.63	570000	--	23000	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<20	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-4 continued															
12/22/03	78.95	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - Equipment over well
02/24/04	78.95	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
05/06/04	78.95	12.96	0.00	65.99	--	51000	--	940	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/04/04	78.95	14.96	0.00	63.99	-2.00	200000	--	42000	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<5.0	
11/10/04	78.95	14.56	0.00	64.39	0.40	72000	--	3600	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
02/03/05	78.95	11.46	0.00	67.49	3.10	--	--	3200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.5	
05/05/05	78.95	11.95	0.00	67.00	-0.49	18000	--	11000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<5.0	
08/04/05	78.95	14.49	0.00	64.46	-2.54	640000	--	16000	ND<50	ND<50	ND<50	ND<100	--	ND<50	
11/03/05	81.62	15.02	0.00	66.60	2.14	74000	--	1100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
02/02/06	81.62	9.92	0.00	71.70	5.10	18000	--	540	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	81.62	11.46	0.00	70.16	-1.54	6000	--	620	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5 (Screen Interval in feet: 10.0-20.0)															
04/01/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
08/03/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	2300	--	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/90	--	--	--	--	--	ND	380	--	2.2	3.9	4.2	1.4	--	--	
07/30/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/29/90	--	--	--	--	--	ND	ND	--	ND	7.3	ND	ND	--	--	
01/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	85	130	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-5 continued															
01/21/92	--	--	--	--	--	53	ND	--	ND	ND	ND	ND	--	--	
04/24/92	--	--	--	--	--	60	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	80.24	13.74	0.00	66.50	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/29/93	80.24	15.61	0.00	64.63	-1.87	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	79.75	16.52	0.00	63.23	-1.40	--	--	--	--	--	--	--	--	--	Sampled semi-annually
01/24/94	79.75	14.37	0.00	65.38	2.15	ND	ND	--	ND	ND	ND	ND	--	--	
04/15/94	79.75	13.74	0.00	66.01	0.63	--	--	--	--	--	--	--	--	--	Sampled semi-annually
09/14/94	79.75	16.55	0.00	63.20	-2.81	90	ND	--	ND	1.1	ND	1.1	--	--	
02/10/95	79.75	10.62	0.00	69.13	5.93	ND	ND	--	ND	ND	ND	ND	--	--	
08/22/95	79.75	15.83	0.00	63.92	-5.21	ND	150	--	ND	ND	ND	ND	--	--	
02/27/96	79.75	11.12	0.00	68.63	4.71	ND	ND	--	ND	ND	ND	ND	--	--	
08/27/96	79.77	15.82	0.00	63.95	-4.68	ND	ND	--	ND	8.1	ND	ND	--	--	
02/20/97	79.77	12.06	0.00	67.71	3.76	120000	ND	--	ND	ND	ND	ND	--	--	
08/19/97	79.77	16.02	0.00	63.75	-3.96	460	ND	--	ND	ND	ND	ND	--	--	
02/17/98	79.77	10.22	0.00	69.55	5.80	170	ND	--	ND	ND	ND	ND	--	--	
08/04/98	79.77	15.45	0.00	64.32	-5.23	ND	ND	--	ND	ND	ND	ND	--	--	
02/19/99	79.77	10.61	0.00	69.16	4.84	ND	ND	--	ND	ND	ND	ND	ND	--	
05/19/99	79.77	13.93	0.00	65.84	-3.32	ND	ND	--	ND	ND	ND	ND	ND	--	
08/05/99	79.77	16.27	0.00	63.50	-2.34	ND	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	79.77	13.42	0.00	66.35	2.85	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/15/00	79.77	11.37	0.00	68.40	2.05	ND	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued															
05/11/00	79.77	14.07	0.00	65.70	-2.70	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/00	79.77	16.26	0.00	63.51	-2.19	ND	ND	--	ND	ND	ND	ND	ND	--	
11/27/00	79.77	15.24	0.00	64.53	1.02	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/14/01	79.77	13.45	0.00	66.32	1.79	ND	ND	--	ND	ND	ND	ND	ND	--	
05/11/01	79.77	14.29	0.00	65.48	-0.84	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/01	79.77	16.18	0.00	63.59	-1.89	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/30/01	79.77	12.81	0.00	66.96	3.37	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/07/02	79.77	12.45	0.00	67.32	0.36	64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/10/02	79.77	14.76	0.00	65.01	-2.31	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/15/02	79.77	16.56	0.00	63.21	-1.80	51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/02	79.77	15.25	0.00	64.52	1.31	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/13/03	79.77	12.36	0.00	67.41	2.89	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/16/03	79.77	12.28	0.00	67.49	0.08	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/12/03	79.77	15.90	0.00	63.87	-3.62	ND<50	--	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/22/03	79.77	12.73	0.00	67.04	3.17	--	--	--	--	--	--	--	--	--	Monitored Only - Not Sampled
02/24/04	79.77	11.28	0.00	68.49	1.45	--	--	--	--	--	--	--	--	--	Monitored Only
05/06/04	79.77	14.37	0.00	65.40	-3.09	--	--	--	--	--	--	--	--	--	Monitored only
08/04/04	79.77	16.42	0.00	63.35	-2.05	--	--	--	--	--	--	--	--	--	Monitored Only
11/10/04	79.77	17.03	0.00	62.74	-0.61	--	--	--	--	--	--	--	--	--	Monitored Only
02/03/05	79.77	12.29	0.00	67.48	4.74	--	--	--	--	--	--	--	--	--	Monitored Only
05/05/05	79.77	13.30	0.00	66.47	-1.01	--	--	--	--	--	--	--	--	--	Monitor only
08/04/05	79.77	15.45	0.00	64.32	-2.15	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/03/05	82.47	16.07	0.00	66.40	2.08	--	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-5 continued															
02/02/06	82.47	7.61	0.00	74.86	8.46	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	82.47	12.65	0.00	69.82	-5.04	--	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-6 (Screen Interval in feet: 8.0-18.0)															
04/01/89	--	--	--	--	--	400	ND	--	ND	ND	ND	ND	--	--	
08/03/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	1700	--	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	ND	ND	--	0.5	0.9	ND	1.2	--	--	
04/30/90	--	--	--	--	--	ND	ND	--	ND	3.2	ND	0.6	--	--	
07/30/90	--	--	--	--	--	ND	ND	--	0.51	2.6	0.79	1.6	--	--	
10/29/90	--	--	--	--	--	ND	ND	--	ND	8.7	ND	ND	--	--	
01/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/24/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	76.76	10.52	0.00	66.24	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/29/93	76.76	11.97	0.00	64.79	-1.45	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	76.32	12.35	0.00	63.97	-0.82	--	--	--	--	--	--	--	--	--	Sampled semi-annually
01/24/94	76.32	10.83	0.00	65.49	1.52	ND	ND	--	ND	ND	ND	ND	--	--	
04/15/94	76.32	10.54	0.00	65.78	0.29	--	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-6 continued															
09/14/94	76.32	12.34	0.00	63.98	-1.80	82	ND	--	ND	1.6	ND	1.3	--	--	
02/10/95	76.32	7.69	0.00	68.63	4.65	ND	ND	--	ND	ND	ND	ND	--	--	
08/22/95	76.32	11.90	0.00	64.42	-4.21	ND	ND	--	ND	ND	ND	ND	--	--	
02/27/96	76.32	8.26	0.00	68.06	3.64	64	ND	--	ND	ND	ND	ND	--	--	
08/27/96	76.31	12.02	0.00	64.29	-3.77	ND	70	--	ND	8.6	ND	ND	--	--	
02/20/97	76.31	9.07	0.00	67.24	2.95	ND	ND	--	ND	ND	ND	ND	--	--	
08/19/97	76.31	12.09	0.00	64.22	-3.02	ND	ND	--	ND	ND	ND	ND	--	--	
02/17/98	76.31	7.28	0.00	69.03	4.81	82	ND	--	ND	ND	ND	ND	--	--	
08/04/98	76.31	11.86	0.00	64.45	-4.58	ND	141	--	ND	ND	ND	ND	--	--	
02/19/99	76.31	7.91	0.00	68.40	3.95	ND	ND	--	ND	ND	ND	ND	ND	--	
05/19/99	76.31	10.58	0.00	65.73	-2.67	ND	ND	--	ND	ND	ND	ND	ND	--	
08/05/99	76.31	12.84	0.00	63.47	-2.26	200	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	76.31	10.86	0.00	65.45	1.98	--	--	--	--	--	--	--	--	--	Sampled annually
02/15/00	76.31	8.60	0.00	67.71	2.26	ND	ND	--	ND	ND	ND	ND	ND	--	
05/11/00	76.31	10.65	0.00	65.66	-2.05	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/00	76.31	12.62	0.00	63.69	-1.97	ND	ND	--	ND	ND	ND	ND	ND	--	
11/27/00	76.31	11.77	0.00	64.54	0.85	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/14/01	76.31	10.58	0.00	65.73	1.19	98.6	ND	--	ND	ND	ND	ND	ND	--	
05/11/01	76.31	10.87	0.00	65.44	-0.29	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/01	76.31	12.62	0.00	63.69	-1.75	--	--	--	--	--	--	--	--	--	Sampled annually
11/30/01	76.31	10.34	0.00	65.97	2.28	--	--	--	--	--	--	--	--	--	Sampled annually
02/07/02	76.31	9.30	0.00	67.01	1.04	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/10/02	76.31	11.30	0.00	65.01	-2.00	--	--	--	--	--	--	--	--	--	Sampled annually
08/15/02	76.31	12.88	0.00	63.43	-1.58	--	--	--	--	--	--	--	--	--	Sampled annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-6 continued															
11/14/02	76.31	12.20	0.00	64.11	0.68	--	--	--	--	--	--	--	--	--	Sampled annually
02/13/03	76.31	9.19	0.00	67.12	3.01	78	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/16/03	76.31	9.18	0.00	67.13	0.01	--	--	--	--	--	--	--	--	--	Sampled annually
08/12/03	76.31	12.17	0.00	64.14	-2.99	--	--	--	--	--	--	--	--	--	Sampled annually
12/22/03	76.31	9.23	0.00	67.08	2.94	--	--	--	--	--	--	--	--	--	Sampled Annually
02/24/04	76.31	8.37	0.00	67.94	0.86	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/06/04	76.31	10.83	0.00	65.48	-2.46	--	--	--	--	--	--	--	--	--	Monitored only, sampled annually
08/04/04	76.32	12.86	0.00	63.46	-2.02	--	--	--	--	--	--	--	--	--	Monitored Only
11/10/04	76.32	12.00	0.00	64.32	0.86	--	--	--	--	--	--	--	--	--	Sampled annually
02/03/05	76.32	9.29	0.00	67.03	2.71	200	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/05/05	76.32	9.96	0.00	66.36	-0.67	--	--	--	--	--	--	--	--	--	Sampled annually
08/04/05	76.32	11.76	0.00	64.56	-1.80	--	--	--	--	--	--	--	--	--	Sampled annually
11/03/05	79.00	12.20	0.00	66.80	2.24	--	--	--	--	--	--	--	--	--	Sampled annually
02/02/06	79.00	8.05	0.00	70.95	4.15	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	79.00	9.42	0.00	69.58	-1.37	--	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-7 (Screen Interval in feet: 8.0-18.0)															
04/01/89	--	--	--	--	--	390	130	--	1.1	ND	ND	ND	--	--	
08/03/89	--	--	--	--	--	ND	54	--	1.4	0.93	0.71	0.35	--	--	
10/26/89	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible due to construction
01/26/90	--	--	--	--	--	53	180	--	5.0	4.0	ND	10	--	--	
04/30/90	--	--	--	--	--	130	72	--	ND	ND	ND	0.62	--	--	
07/30/90	--	--	--	--	--	ND	ND	--	ND	1.7	0.61	0.92	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued															
10/29/90	--	--	--	--	--	83	ND	--	ND	3.2	ND	ND	--	--	
01/29/91	--	--	--	--	--	110	ND	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	68	ND	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	120	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/24/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	78.38	10.09	0.00	68.29	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/29/93	78.38	11.85	0.00	66.53	-1.76	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	77.86	13.17	0.00	64.69	-1.84	--	--	--	--	--	--	--	--	--	Sampled semi-annually
01/24/94	77.86	11.10	0.00	66.76	2.07	78	ND	--	ND	ND	ND	ND	--	--	
04/15/94	77.86	10.22	0.00	67.64	0.88	--	--	--	--	--	--	--	--	--	Sampled semi-annually
09/14/94	77.86	13.15	0.00	64.71	-2.93	130	ND	--	ND	1.2	ND	1.2	--	--	
02/10/95	77.86	7.25	0.00	70.61	5.90	ND	ND	--	ND	ND	ND	ND	--	--	
08/22/95	77.86	12.35	0.00	65.51	-5.10	ND	ND	--	ND	ND	ND	ND	--	--	
02/27/96	77.86	7.66	0.00	70.20	4.69	ND	ND	--	ND	ND	ND	ND	--	--	
08/27/96	77.87	12.48	0.00	65.39	-4.81	ND	ND	--	ND	8.5	ND	ND	--	--	
02/20/97	77.87	8.59	0.00	69.28	3.89	ND	ND	--	ND	ND	ND	ND	--	--	
08/19/97	77.87	12.59	0.00	65.28	-4.00	ND	ND	--	ND	ND	ND	ND	--	--	
02/17/98	77.87	6.75	0.00	71.12	5.84	87	ND	--	ND	ND	ND	ND	--	--	
08/04/98	77.87	11.79	0.00	66.08	-5.04	66.6	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued															
02/19/99	77.87	7.12	0.00	70.75	4.67	ND	ND	--	ND	ND	ND	ND	ND	--	
05/19/99	77.87	10.58	0.00	67.29	-3.46	ND	ND	--	ND	ND	ND	ND	ND	--	
08/05/99	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/24/99	77.87	10.76	0.00	67.11	--	--	--	--	--	--	--	--	--	--	Sampled annually
02/15/00	77.87	7.85	0.00	70.02	2.91	ND	ND	--	ND	ND	ND	ND	ND	--	
05/11/00	77.87	10.48	0.00	67.39	-2.63	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/00	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/27/00	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
02/14/01	77.87	10.31	0.00	67.56	--	102	ND	--	ND	ND	ND	ND	ND	--	
05/11/01	77.87	11.11	0.00	66.76	-0.80	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/01	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/30/01	77.87	10.07	0.00	67.80	--	--	--	--	--	--	--	--	--	--	Sampled annually
02/07/02	77.87	8.98	0.00	68.89	1.09	61	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/10/02	77.87	11.35	0.00	66.52	-2.37	--	--	--	--	--	--	--	--	--	Sampled annually
08/15/02	77.87	--	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/14/02	77.87	13.38	0.00	64.49	--	--	--	--	--	--	--	--	--	--	Sampled annually
02/13/03	77.87	8.94	0.00	68.93	4.44	72	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/16/03	77.87	8.81	0.00	69.06	0.13	--	--	--	--	--	--	--	--	--	Sampled annually
08/12/03	77.87	14.13	0.00	63.74	-5.32	--	--	--	--	--	--	--	--	--	Sampled annually
12/22/03	77.87	9.74	0.00	68.13	4.39	--	--	--	--	--	--	--	--	--	Sampled Annually
02/24/04	77.87	7.88	0.00	69.99	1.86	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/06/04	77.87	10.60	0.00	67.27	-2.72	--	--	--	--	--	--	--	--	--	Monitored only, sampled annually
08/04/04	77.90	12.59	0.00	65.31	-1.96	--	--	--	--	--	--	--	--	--	Monitored Only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-7 continued															
11/10/04	77.90	12.60	0.00	65.30	-0.01	--	--	--	--	--	--	--	--	--	Sampled annually
02/03/05	77.90	8.93	0.00	68.97	3.67	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/05/05	77.90	9.56	0.00	68.34	-0.63	--	--	--	--	--	--	--	--	--	Sampled annually
08/04/05	77.90	13.35	0.00	64.55	-3.79	--	--	--	--	--	--	--	--	--	Sampled annually
11/03/05	80.96	13.49	0.00	67.47	2.92	--	--	--	--	--	--	--	--	--	Sampled annually
02/02/06	80.96	7.92	0.00	73.04	5.57	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	80.96	9.45	0.00	71.51	-1.53	--	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-8 (Screen Interval in feet: 6.0-18.0)															
04/01/89	--	--	--	--	--	77000	1700	--	ND	ND	ND	ND	--	--	
08/03/89	--	--	--	--	--	1900	1600	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	9400000	2500	--	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	8900	10000	--	ND	6.0	10	20	--	--	
04/30/90	--	--	--	--	--	4600	1300	--	3.4	0.95	ND	5.3	--	--	
07/30/90	--	--	--	--	--	3300	1200	--	ND	1.3	3.1	7.7	--	--	
10/29/90	--	--	--	--	--	9500	1700	--	ND	0.78	2.4	ND	--	--	
01/29/91	--	--	--	--	--	3500	1400	--	ND	ND	0.91	ND	--	--	
04/26/91	--	--	--	--	--	11000	2400	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	12000	590	--	ND	1.0	ND	ND	--	--	
10/21/91	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of a sheen
01/21/92	--	--	--	--	--	43000	40000	--	ND	ND	ND	ND	--	--	
04/24/92	--	--	--	--	--	12000	3600	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	26000	85000	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-8 continued															
10/26/92	--	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
01/27/93	--	--	--	--	--	8300	960	--	2.2	ND	1.3	4.2	--	--	
04/30/93	75.08	10.53	0.00	64.55	--	100000	4800	--	ND	ND	ND	ND	--	--	Sheen
07/29/93	75.08	12.13	0.00	62.95	-1.60	220000	800	--	ND	2.3	ND	ND	--	--	Sheen
10/27/93	74.60	12.92	0.00	61.68	-1.27	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
01/24/94	74.60	10.87	0.00	63.73	2.05	1200	400	--	1.5	ND	1.1	1.4	--	--	Sheen
04/15/94	74.60	10.48	0.00	64.12	0.39	49000	2500	--	2.6	ND	ND	ND	--	--	
09/14/94	74.60	12.92	0.00	61.68	-2.44	--	--	--	--	--	--	--	--	--	Not sampled - presence of free product
02/10/95	74.60	6.88	0.00	67.72	6.04	210000	160000	--	ND	ND	ND	ND	--	--	Sheen
08/22/95	74.60	12.18	0.00	62.42	-5.30	20000	1000000	--	ND	ND	ND	ND	--	--	
02/27/96	74.60	7.69	0.00	66.91	4.49	660000	370000	--	ND	ND	55	210	--	--	Sheen
08/27/96	74.57	12.31	0.00	62.26	-4.65	14000	1100	--	ND	ND	ND	ND	--	--	Sheen
02/20/97	74.57	8.78	0.00	65.79	3.53	550	240	--	ND	1.3	0.72	2.1	--	--	
08/19/97	74.57	12.45	0.00	62.12	-3.67	200000	20000	--	ND	ND	ND	ND	--	--	Sheen
02/17/98	74.57	6.50	0.00	68.07	5.95	220000	20000	--	ND	ND	ND	210	--	--	Sheen
08/04/98	74.57	11.92	0.00	62.65	-5.42	223000	106000	--	ND	ND	ND	ND	ND	--	Sheen
02/19/99	74.57	7.22	0.00	67.35	4.70	--	200	--	0.50	ND	ND	ND	ND	--	
05/19/99	74.57	10.77	0.00	63.80	-3.55	ND	8900	--	ND	ND	ND	6.0	ND	--	
08/05/99	74.57	13.05	0.00	61.52	-2.28	48000	2060	--	ND	ND	ND	ND	ND	--	
11/24/99	74.57	11.00	0.00	63.57	2.05	670000	370000	--	ND	ND	ND	ND	ND	--	Sheen
02/15/00	74.57	8.25	0.00	66.32	2.75	320000	45000	--	ND	ND	ND	ND	ND	--	Sheen
05/11/00	74.57	10.81	0.00	63.76	-2.56	660000	1500000	--	ND	ND	730	9000	ND	--	Sheen

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-8 continued															
08/09/00	74.57	13.02	0.00	61.55	-2.21	280000	1000000	--	ND	ND	500	820	ND	--	Sheen
11/27/00	74.57	11.70	0.00	62.87	1.32	240000	56000	--	ND	ND	ND	ND	ND	--	
02/14/01	74.57	10.63	0.00	63.94	1.07	3310	31000000	--	ND	ND	2300	6200	ND	--	
05/11/01	74.57	10.88	0.00	63.69	-0.25	460000	26000	--	ND	ND	ND	ND	ND	--	
08/09/01	74.57	12.94	0.00	61.63	-2.06	24000	8600	--	ND<5.0	ND<5.0	ND<5.0	16	ND<25	--	
11/30/01	74.57	10.58	0.00	63.99	2.36	300000	35000	--	ND<25	ND<25	ND<25	ND<25	ND<120	--	
02/07/02	74.57	9.12	0.00	65.45	1.46	130000	43000	--	ND<2.5	ND<2.5	9.3	17	ND<12	--	
05/10/02	74.57	11.30	0.00	63.27	-2.18	470000	13000	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25	--	
08/15/02	74.57	13.31	0.00	61.26	-2.01	4000000	270000	--	ND<2500	ND<2500	ND<2500	ND<2500	ND<12000	--	
11/14/02	74.57	12.42	0.00	62.15	0.89	4300000	100000	--	ND<50	ND<50	430	520	ND<250	--	
02/13/03	74.57	8.91	0.00	65.66	3.51	3600000	100000	--	ND<100	ND<100	330	700	ND<400	--	
05/16/03	74.57	8.94	0.00	65.63	-0.03	580000	1600	--	ND<5.0	ND<5.0	11	8.9	400	ND<10	
08/12/03	74.57	12.57	0.00	62.00	-3.63	660000	--	210000	ND<50	ND<50	ND<50	ND<100	--	ND<200	
12/22/03	74.57	10.46	0.00	64.11	2.11	150000	--	41000	--	--	--	--	--	--	
02/24/04	74.57	7.92	0.00	66.65	2.54	2900	--	3300	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	310	
05/06/04	74.57	11.00	0.00	63.57	-3.08	12000	--	630	--	--	--	--	--	--	
08/04/04	74.58	12.97	0.00	61.61	-1.96	50000	--	580	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
11/10/04	74.58	13.10	0.00	61.48	-0.13	140000	--	8500	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
02/03/05	74.58	9.25	0.00	65.33	3.85	11000	--	9900	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.5	
05/05/05	74.58	9.97	0.00	64.61	-0.72	13000	--	1500	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/04/05	74.58	12.02	0.00	62.56	-2.05	250000	--	490	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/03/05	77.23	12.26	0.00	64.97	2.41	--	--	8800	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<5.0	
02/02/06	77.23	7.49	0.00	69.74	4.77	7200	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	77.23	9.31	0.00	67.92	-1.82	--	--	8000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-9 (Screen Interval in feet: 9.0-20.0)															
04/01/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
08/03/89	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	ND	25000	--	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	300	ND	--	ND	ND	ND	ND	--	--	
04/30/90	--	--	--	--	--	ND	ND	--	ND	0.8	ND	ND	--	--	
07/30/90	--	--	--	--	--	ND	ND	--	ND	3.4	0.45	0.33	--	--	
10/29/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/29/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/26/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/21/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/24/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	73.72	9.23	0.00	64.49	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/29/93	73.72	11.10	0.00	62.62	-1.87	ND	ND	--	ND	ND	ND	ND	--	--	
10/27/93	73.29	11.97	0.00	61.32	-1.30	--	--	--	--	--	--	--	--	--	Sampled semi-annually
01/24/94	73.29	9.73	0.00	63.56	2.24	ND	ND	--	ND	ND	ND	ND	--	--	
04/15/94	73.29	9.24	0.00	64.05	0.49	--	--	--	--	--	--	--	--	--	Sampled semi-annually
09/14/94	73.29	11.96	0.00	61.33	-2.72	110	ND	--	ND	0.79	ND	0.78	--	--	
02/10/95	73.29	5.74	0.00	67.55	6.22	91	ND	--	ND	ND	ND	ND	--	--	
08/22/95	73.29	11.51	0.00	61.78	-5.77	ND	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-9 continued															
02/27/96	73.29	6.52	0.00	66.77	4.99	65	ND	--	ND	ND	ND	ND	--	--	
08/27/96	73.31	11.60	0.00	61.71	-5.06	ND	ND	--	ND	7.8	ND	ND	--	--	
02/20/97	73.31	7.46	0.00	65.85	4.14	ND	ND	--	ND	ND	ND	ND	--	--	
08/19/97	73.31	11.70	0.00	61.61	-4.24	ND	ND	--	ND	ND	ND	ND	--	--	
02/17/98	73.31	5.34	0.00	67.97	6.36	180	ND	--	ND	ND	ND	ND	--	--	
08/04/98	73.31	11.23	0.00	62.08	-5.89	ND	103	--	ND	ND	ND	ND	ND	--	
02/19/99	73.31	6.12	0.00	67.19	5.11	ND	ND	--	ND	ND	ND	ND	ND	--	
05/19/99	73.31	9.41	0.00	63.90	-3.29	ND	ND	--	ND	ND	ND	ND	ND	--	
08/05/99	73.31	12.22	0.00	61.09	-2.81	ND	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	73.31	10.08	0.00	63.23	2.14	--	--	--	--	--	--	--	--	--	Sampled annually
02/15/00	73.31	7.05	0.00	66.26	3.03	ND	ND	--	ND	ND	ND	ND	ND	--	
05/11/00	73.31	9.41	0.00	63.90	-2.36	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/00	73.31	12.17	0.00	61.14	-2.76	ND	ND	--	ND	ND	ND	ND	ND	--	
11/27/00	73.31	11.19	0.00	62.12	0.98	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/14/01	73.31	9.39	0.00	63.92	1.80	68.7	ND	--	ND	ND	ND	ND	ND	--	
05/11/01	73.31	9.65	0.00	63.66	-0.26	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/01	73.31	11.68	0.00	61.63	-2.03	--	--	--	--	--	--	--	--	--	Sampled annually
11/30/01	73.31	9.41	0.00	63.90	2.27	--	--	--	--	--	--	--	--	--	Sampled annually
02/07/02	73.31	7.78	0.00	65.53	1.63	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/10/02	73.31	10.24	0.00	63.07	-2.46	--	--	--	--	--	--	--	--	--	Sampled annually
08/15/02	73.31	12.44	0.00	60.87	-2.20	--	--	--	--	--	--	--	--	--	Sampled annually
11/14/02	73.31	11.56	0.00	61.75	0.88	--	--	--	--	--	--	--	--	--	Sampled annually
02/13/03	73.31	7.65	0.00	65.66	3.91	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/16/03	73.31	7.65	0.00	65.66	0.00	--	--	--	--	--	--	--	--	--	Sampled annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-9 continued															
08/12/03	73.31	11.67	0.00	61.64	-4.02	--	--	--	--	--	--	--	--	--	Sampled annually
12/22/03	73.31	9.28	0.00	64.03	2.39	--	--	--	--	--	--	--	--	--	Sampled Annually
02/24/04	73.31	6.74	0.00	66.57	2.54	130	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.0	
05/06/04	73.31	9.88	0.00	63.43	-3.14	--	--	--	--	--	--	--	--	--	Monitored only, sampled annually
08/04/04	73.31	11.98	0.00	61.33	-2.10	--	--	--	--	--	--	--	--	--	Monitored Only
11/10/04	73.31	12.05	0.00	61.26	-0.07	--	--	--	--	--	--	--	--	--	Sampled annually
02/03/05	73.31	7.95	0.00	65.36	4.10	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/05/05	73.31	8.61	0.00	64.70	-0.66	--	--	--	--	--	--	--	--	--	Sampled annually
08/04/05	73.31	11.25	0.00	62.06	-2.64	--	--	--	--	--	--	--	--	--	Sampled annually
11/03/05	75.96	11.89	0.00	64.07	2.01	--	--	--	--	--	--	--	--	--	Sampled annually
02/02/06	75.96	8.34	0.00	67.62	3.55	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	75.96	7.91	0.00	68.05	0.43	--	--	--	--	--	--	--	--	--	Sampled Q1 only
MW-10 (Screen Interval in feet: 4.0-19.0)															
08/03/89	--	--	--	--	--	180	61	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	690	13000	--	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/90	--	--	--	--	--	280	380	--	2.2	3.9	4.2	1.4	--	--	
07/30/90	--	--	--	--	--	620	240	--	0.84	0.68	4.7	1.5	--	--	
10/29/90	--	--	--	--	--	250	180	--	ND	0.56	0.73	0.62	--	--	
01/29/91	--	--	--	--	--	250	130	--	ND	ND	0.39	ND	--	--	
04/26/91	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	110	84	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	200	60	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-10 continued															
01/21/92	--	--	--	--	--	190	41	--	ND	ND	ND	ND	--	--	
04/24/92	--	--	--	--	--	110	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	130	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	310	180	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	72.57	9.90	0.00	62.67	--	ND	ND	--	ND	ND	ND	ND	--	--	
07/29/93	72.57	11.95	0.00	60.62	-2.05	51	ND	--	ND	ND	ND	ND	--	--	
10/27/93	72.26	13.44	0.00	58.82	-1.80	180	64	--	0.51	0.54	0.54	1.4	--	--	
01/24/94	72.26	11.58	0.00	60.68	1.86	230	130	--	ND	ND	ND	1.2	--	--	
04/15/94	72.26	10.19	0.00	62.07	1.39	ND	ND	--	ND	ND	ND	ND	--	--	
09/14/94	72.26	13.45	0.00	58.81	-3.26	200	ND	--	ND	0.75	ND	1.3	--	--	
02/10/95	72.26	6.73	0.00	65.53	6.72	77	ND	--	ND	ND	ND	ND	--	--	
08/22/95	72.26	13.05	0.00	59.21	-6.32	90	ND	--	ND	ND	ND	ND	--	--	
02/27/96	72.26	7.53	0.00	64.73	5.52	670	ND	--	ND	ND	ND	ND	--	--	
08/27/96	72.25	13.15	0.00	59.10	-5.63	170	ND	--	ND	6.1	ND	ND	--	--	
02/20/97	72.25	8.26	0.00	63.99	4.89	160	ND	--	ND	ND	ND	ND	--	--	
08/19/97	72.25	13.25	0.00	59.00	-4.99	ND	ND	--	ND	ND	ND	ND	--	--	
02/17/98	72.25	6.34	0.00	65.91	6.91	360	ND	--	ND	ND	ND	ND	--	--	
08/04/98	72.25	12.73	0.00	59.52	-6.39	176	ND	--	ND	ND	ND	ND	ND	--	
02/19/99	72.25	7.37	0.00	64.88	5.36	ND	ND	--	ND	ND	ND	ND	ND	--	
05/19/99	72.25	10.11	0.00	62.14	-2.74	ND	ND	--	ND	ND	ND	ND	ND	--	
08/05/99	72.25	13.47	0.00	58.78	-3.36	240	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	72.25	11.85	0.00	60.40	1.62	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/15/00	72.25	8.15	0.00	64.10	3.70	51	ND	--	ND	ND	ND	ND	16	25	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-10 continued															
05/11/00	72.25	10.42	0.00	61.83	-2.27	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/00	72.25	13.47	0.00	58.78	-3.05	ND	ND	--	ND	ND	ND	ND	ND	--	
11/27/00	72.25	12.65	0.00	59.60	0.82	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/14/01	72.25	10.88	0.00	61.37	1.77	220	ND	--	ND	ND	ND	ND	ND	--	
05/11/01	72.25	10.53	0.00	61.72	0.35	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/01	72.25	13.45	0.00	58.80	-2.92	82	62	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/30/01	72.25	11.19	0.00	61.06	2.26	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/07/02	72.25	8.61	0.00	63.64	2.58	140	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/10/02	72.25	11.20	0.00	61.05	-2.59	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/15/02	72.25	13.64	0.00	58.61	-2.44	130	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/02	72.25	13.26	0.00	58.99	0.38	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/13/03	72.25	8.42	0.00	63.83	4.84	110	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/16/03	72.25	8.32	0.00	63.93	0.10	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/12/03	72.25	13.20	0.00	59.05	-4.88	190	--	57	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/22/03	72.25	10.88	0.00	61.37	2.32	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
02/24/04	72.25	7.76	0.00	64.49	3.12	98	--	250	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	260	
05/06/04	72.25	10.81	0.00	61.44	-3.05	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
08/04/04	72.23	12.84	0.00	59.39	-2.05	390	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	70	
11/10/04	72.23	13.03	0.00	59.20	-0.19	350	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	43	
02/03/05	72.23	9.03	0.00	63.20	4.00	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/05/05	72.23	9.33	0.00	62.90	-0.30	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/04/05	72.23	12.53	0.00	59.70	-3.20	100	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.1	
11/03/05	74.90	13.40	0.00	61.50	1.80	--	--	--	--	--	--	--	--	--	Sampled semi-annually

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-10 continued															
02/02/06	74.90	7.36	0.00	67.54	6.04	150	--	61	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	74.90	8.53	0.00	66.37	-1.17	--	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
MW-11 (Screen Interval in feet: 4.0-20.0)															
08/03/89	--	--	--	--	--	540	77	--	ND	ND	ND	ND	--	--	
10/26/89	--	--	--	--	--	420	20000	--	ND	ND	ND	ND	--	--	
01/26/90	--	--	--	--	--	5100	1500	--	2.0	1.4	0.83	3.0	--	--	
04/30/90	--	--	--	--	--	1200	120	--	ND	0.8	ND	ND	--	--	
07/30/90	--	--	--	--	--	3100	2900	--	ND	1.4	1.2	1.7	--	--	
10/29/90	--	--	--	--	--	--	290	--	ND	ND	0.31	ND	--	--	
01/29/91	--	--	--	--	--	21000	3800	--	ND	ND	0.36	0.31	--	--	
04/26/91	--	--	--	--	--	2600	ND	--	ND	ND	ND	ND	--	--	
07/19/91	--	--	--	--	--	310	ND	--	ND	ND	ND	ND	--	--	
10/21/91	--	--	--	--	--	140	ND	--	ND	ND	ND	ND	--	--	
01/21/92	--	--	--	--	--	2600	150	--	ND	ND	ND	ND	--	--	
04/24/92	--	--	--	--	--	160	ND	--	ND	ND	ND	ND	--	--	
07/28/92	--	--	--	--	--	520	ND	--	ND	ND	ND	ND	--	--	
10/26/92	--	--	--	--	--	340	63	--	ND	ND	ND	ND	--	--	
01/27/93	--	--	--	--	--	ND	ND	--	ND	ND	ND	ND	--	--	
04/30/93	74.26	10.48	0.00	63.78	--	830	120	--	ND	ND	ND	ND	--	--	
07/29/93	74.26	12.13	0.00	62.13	-1.65	2000	ND	--	ND	ND	ND	ND	--	--	
10/27/93	73.83	14.20	0.00	59.63	-2.50	840	100	--	ND	ND	ND	ND	--	--	Sheen
01/24/94	73.83	11.84	0.00	61.99	2.36	6100	360	--	ND	0.52	ND	1.3	--	--	
04/15/94	73.83	10.61	0.00	63.22	1.23	16000	660	--	ND	ND	ND	ND	--	--	Sheen
09/14/94	73.83	14.16	0.00	59.67	-3.55	15000	1000	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-D	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
(feet)	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
MW-11 continued															
02/10/95	73.83	6.72	0.00	67.11	7.44	2100	100	--	ND	ND	ND	ND	--	--	
08/22/95	73.83	13.60	0.00	60.23	-6.88	560	150	--	ND	ND	ND	ND	--	--	
02/27/96	73.83	7.53	0.00	66.30	6.07	5300	320	--	ND	ND	ND	ND	--	--	Sheen
08/27/96	73.77	13.62	0.00	60.15	-6.15	4200	ND	--	ND	ND	ND	ND	--	--	
02/20/97	73.77	8.56	0.00	65.21	5.06	55000	ND	--	ND	ND	ND	ND	--	--	
08/19/97	73.77	13.78	0.00	59.99	-5.22	68000	13000	--	ND	ND	ND	ND	--	--	Sheen
02/17/98	73.77	6.30	0.00	67.47	7.48	280	ND	--	ND	ND	ND	ND	--	--	Sheen
08/04/98	73.77	13.33	0.00	60.44	-7.03	1280	992	--	ND	ND	ND	ND	ND	--	Sheen
02/19/99	73.77	7.20	0.00	66.57	6.13	130	ND	--	ND	ND	ND	ND	ND	--	
05/19/99	73.77	10.75	0.00	63.02	-3.55	ND	ND	--	ND	ND	ND	ND	ND	--	
08/05/99	73.77	14.09	0.00	59.68	-3.34	3300	ND	--	ND	ND	ND	ND	ND	--	
11/24/99	73.77	11.83	0.00	61.94	2.26	410000	280	--	0.50	0.59	ND	1.3	ND	--	Sheen
02/15/00	73.77	8.22	0.00	65.55	3.61	54000	2500	--	ND	ND	ND	ND	84	41	Sheen
05/11/00	73.77	11.00	0.00	62.77	-2.78	39000	4400	--	ND	ND	ND	ND	ND	--	
08/09/00	73.77	14.15	0.00	59.62	-3.15	8600	210	--	ND	ND	ND	ND	ND	--	Sheen
11/27/00	73.77	13.08	0.00	60.69	1.07	1500000	230000	--	ND	ND	ND	ND	ND	--	
02/14/01	73.77	11.09	0.00	62.68	1.99	10100	2300	--	ND	ND	ND	ND	ND	--	
05/11/01	73.77	11.07	0.00	62.70	0.02	340000	25000	--	ND	ND	ND	ND	ND	--	
08/09/01	73.77	14.11	0.00	59.66	-3.04	10000	850	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/30/01	73.77	11.29	0.00	62.48	2.82	42000	4100	--	ND<0.50	0.64	ND<0.50	ND<0.50	ND<2.5	--	
02/07/02	73.77	9.00	0.00	64.77	2.29	2600	1300	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/10/02	73.77	11.89	0.00	61.88	-2.89	140000	5400	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<25	--	
08/15/02	73.77	14.45	0.00	59.32	-2.56	32000	1100	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<12	--	
11/14/02	73.77	13.96	0.00	59.81	0.49	--	19000	--	ND<50	ND<50	ND<50	ND<50	ND<250	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-11 continued															
02/13/03	73.77	8.78	0.00	64.99	5.18	3400	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	--	
05/16/03	73.77	8.80	0.00	64.97	-0.02	22000	74	--	ND<0.50	ND<0.50	ND<0.50	0.54	ND<2.5	--	
08/12/03	73.77	13.88	0.00	59.89	-5.08	2000	--	880	ND<5.0	ND<5.0	ND<5.0	ND<10	--	ND<20	
12/22/03	73.77	10.93	0.00	62.84	2.95	69000	--	4000	--	--	--	--	--	--	
02/24/04	73.77	7.81	0.00	65.96	3.12	130	--	99	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	120	
05/06/04	73.77	11.40	0.00	62.37	-3.59	900	--	ND<50	--	--	--	--	--	--	
08/04/04	73.76	13.35	0.00	60.41	-1.96	4400	--	680	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.93	
11/10/04	73.76	13.62	0.00	60.14	-0.27	6400	--	74	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.58	
02/03/05	73.76	9.35	0.00	64.41	4.27	150	--	260	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/05/05	73.76	9.92	0.00	63.84	-0.57	68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
08/04/05	73.76	13.49	0.00	60.27	-3.57	36000	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/03/05	76.43	14.19	0.00	62.24	1.97	--	--	630	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	ND<2.5	
02/02/06	76.43	7.39	0.00	69.04	6.80	180	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	76.43	9.11	0.00	67.32	-1.72	--	--	72	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-12 (Screen Interval in feet: 4.0-19.0)															
05/08/96	72.96	10.20	0.00	62.76	--	220	ND	--	ND	ND	ND	ND	--	--	
08/28/96	72.96	13.72	0.00	59.24	-3.52	ND	ND	--	ND	7.0	ND	ND	--	--	
02/20/97	72.96	8.87	0.00	64.09	4.85	61	ND	--	ND	ND	ND	ND	--	--	
08/19/97	72.96	13.83	0.00	59.13	-4.96	58	ND	--	ND	ND	ND	ND	--	--	
02/17/98	72.96	6.88	0.00	66.08	6.95	1000	ND	--	ND	ND	ND	ND	--	--	
08/04/98	72.96	13.31	0.00	59.65	-6.43	80.8	ND	--	ND	ND	ND	ND	ND	--	
02/19/99	72.96	7.79	0.00	65.17	5.52	ND	ND	--	ND	ND	ND	ND	ND	--	
05/19/99	72.96	10.69	0.00	62.27	-2.90	ND	ND	--	ND	ND	ND	ND	ND	--	
08/05/99	72.96	14.03	0.00	58.93	-3.34	57	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-12 continued															
11/24/99	72.96	12.33	0.00	60.63	1.70	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/15/00	72.96	8.65	0.00	64.31	3.68	ND	ND	--	ND	ND	ND	ND	ND	--	
05/11/00	72.96	11.00	0.00	61.96	-2.35	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/00	72.96	14.04	0.00	58.92	-3.04	ND	ND	--	ND	ND	ND	ND	6.9	5.5	
11/27/00	72.96	13.22	0.00	59.74	0.82	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/14/01	72.96	11.33	0.00	61.63	1.89	69.9	ND	--	ND	ND	ND	ND	ND	--	
05/11/01	72.96	11.11	0.00	61.85	0.22	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/09/01	72.96	13.97	0.00	58.99	-2.86	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/30/01	72.96	11.42	0.00	61.54	2.55	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/07/02	72.96	9.27	0.00	63.69	2.15	97	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
05/10/02	72.96	11.84	0.00	61.12	-2.57	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/15/02	72.96	14.24	0.00	58.72	-2.40	ND<50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
11/14/02	72.96	13.99	0.00	58.97	0.25	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/13/03	72.96	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - car parked over well
05/16/03	72.96	8.96	0.00	64.00	--	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/12/03	72.96	13.70	0.00	59.26	-4.74	1200	--	190	ND<0.50	2.7	1.0	7.1	--	ND<2.0	
12/22/03	72.96	11.29	0.00	61.67	2.41	--	--	--	--	--	--	--	--	--	Sampled Semi-annually
02/24/04	72.96	8.23	0.00	64.73	3.06	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
05/06/04	72.96	11.42	0.00	61.54	-3.19	--	--	--	--	--	--	--	--	--	Monitored only, sampled semi-annually
08/04/04	72.96	13.46	0.00	59.50	-2.04	ND<50	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/10/04	72.96	13.20	0.00	59.76	0.26	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/03/05	72.96	9.68	0.00	63.28	3.52	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1989 Through May 2006
Bulk Plant 0220

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-D (µg/l)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
MW-12 continued															
05/05/05	72.96	10.11	0.00	62.85	-0.43	--	--	--	--	--	--	--	--	--	Sampled semi-annually
08/04/05	72.96	13.13	0.00	59.83	-3.02	ND<50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/03/05	75.65	14.01	0.00	61.64	1.81	--	--	--	--	--	--	--	--	--	Sampled semi-annually
02/02/06	75.65	8.00	0.00	67.65	6.01	54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/04/06	75.65	9.43	0.00	66.22	-1.43	--	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Kerosene (µg/l)	TPH- Motor Oil (µg/l)	Total Oil and Grease (mg/l)	n-Butyl- benzene (µg/l)	sec-Butyl- benzene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Methane (µg/l)	n-Propyl- benzene (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	Fluorene (µg/l)	Phen- anthrene (µg/l)	Iron (dissolved) (mg/l)	Iron Ferrous (mg/l)
MW-1															
05/19/99	750	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/09/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
MW-2															
02/07/89	--	--	350	--	--	--	--	--	--	--	--	--	--	--	--
08/03/89	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
10/26/89	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
01/26/90	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
04/30/90	--	--	0.0069	--	--	--	--	--	--	--	--	--	--	--	--
07/30/90	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
10/29/90	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
01/29/91	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
04/26/91	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
07/19/91	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
08/05/99	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.039	--
08/09/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
MW-3															
08/09/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
MW-4															
05/19/99	--	--	--	--	--	--	--	120	--	--	--	--	--	5.0	--
08/05/99	--	--	--	--	--	--	--	ND	--	--	--	--	--	6.2	--
11/24/99	--	--	--	--	--	--	--	ND	--	--	--	--	--	2.68	--
02/15/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	1.30	--
05/11/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	4.0	--
08/09/00	--	--	--	34	40	4.8	15	ND	13	67	3.0	36	26	1.2	--
11/27/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	1.49	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Kerosene (µg/l)	TPH- Motor Oil (µg/l)	Total Oil and Grease (mg/l)	n-Butyl- benzene (µg/l)	sec-Butyl- benzene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Methane (µg/l)	n-Propyl- benzene (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	Fluorene (µg/l)	Phen- anthrene (µg/l)	Iron (dissolved) (mg/l)	Iron Ferrous (mg/l)
MW-4 continued															
02/14/01	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.724	--
05/11/01	--	--	--	--	--	--	--	ND	--	--	--	--	--	2.68	--
08/09/01	--	--	--	--	--	--	--	ND<1000	--	--	--	--	--	6.0	--
11/30/01	--	--	--	--	--	--	--	ND<1000	--	--	--	--	--	11.000	--
02/07/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	10.000	--
05/10/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	2.500	--
08/15/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	0.89	--
11/14/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	4.9	--
02/13/03	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	7.0	--
05/16/03	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	8.1	--
08/12/03	--	--	--	--	--	--	--	21	--	--	--	--	--	13	--
08/04/04	--	--	--	--	--	--	--	0.12	--	--	--	--	--	--	3.3
02/03/05	--	--	--	--	--	--	--	21	--	--	--	--	--	--	2.4
08/04/05	--	--	--	--	--	--	--	14	--	--	--	--	--	--	0.41
02/02/06	--	--	--	--	--	--	--	7.7	--	--	--	--	--	0.67	--
MW-5															
08/09/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
MW-6															
08/09/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
MW-7															
05/19/99	--	260	--	--	--	--	--	ND	--	--	--	--	--	1.7	--
02/15/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.580	--
02/14/01	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.324	--
02/07/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	ND<0.300	--
02/13/03	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	0.15	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Kerosene (µg/l)	TPH- Motor Oil (µg/l)	Total Oil and Grease (mg/l)	n-Butyl- benzene (µg/l)	sec-Butyl- benzene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Methane (µg/l)	n-Propyl- benzene (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	Fluorene (µg/l)	Phen- anthrene (µg/l)	Iron (dissolved) (mg/l)	Iron Ferrous (mg/l)
MW-8															
05/19/99	8400	--	--	--	--	--	--	98	--	--	--	--	--	6.8	--
08/05/99	--	--	--	--	--	--	--	ND	--	--	--	--	--	5.9	--
11/24/99	--	--	--	--	--	--	--	ND	--	--	--	--	--	7.40	--
02/15/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	4.00	--
05/11/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	5.9	--
08/09/00	--	--	--	--	9.3	--	--	ND	--	--	--	--	--	1.1	--
11/27/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	2.45	--
02/14/01	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.140	--
05/11/01	--	--	--	--	--	--	--	ND	--	--	--	--	--	5.72	--
08/09/01	--	--	--	--	--	--	--	ND<1000	--	--	--	--	--	3.5	--
11/30/01	--	--	--	--	--	--	--	ND<1000	--	--	--	--	--	8.900	--
02/07/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	8.600	--
05/10/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	4.900	--
08/15/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	ND<0.050	--
11/14/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	0.24	--
02/13/03	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	14	--
05/16/03	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	7.1	--
08/12/03	--	--	--	--	--	--	--	ND<10	--	--	--	--	--	8.5	--
MW-9															
08/09/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	--	--
MW-10															
01/27/93	--	--	ND	--	--	--	--	--	--	--	--	--	--	--	--
05/19/99	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.046	--
08/05/99	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.17	--
02/15/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.0820	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Kerosene (µg/l)	TPH- Motor Oil (µg/l)	Total Oil and Grease (mg/l)	n-Butyl- benzene (µg/l)	sec-Butyl- benzene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Methane (µg/l)	n-Propyl- benzene (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	Fluorene (µg/l)	Phen- anthrene (µg/l)	Iron (dissolved) (mg/l)	Iron Ferrous (mg/l)
MW-10 continued															
08/09/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.63	--
02/14/01	--	--	--	--	--	--	--	ND	--	--	--	--	--	1.26	--
08/09/01	--	--	--	--	--	--	--	ND<1000	--	--	--	--	--	1.6	--
02/07/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	ND<0.300	--
08/15/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	ND<0.050	--
02/13/03	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	3.4	--
08/12/03	--	--	--	--	--	--	--	ND<10	--	--	--	--	--	2.9	--
02/24/04	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	--	ND<0.20
08/04/04	--	--	--	--	--	--	--	1.3	--	--	--	--	--	--	1.4
02/03/05	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	--	ND<0.20
08/04/05	--	--	--	--	--	--	--	1.6	--	--	--	--	--	--	0.65
02/02/06	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	ND<0.20	--
MW-11															
05/19/99	2700	--	--	--	--	--	--	30	--	--	--	--	--	ND	--
08/05/99	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.85	--
11/24/99	--	--	--	--	--	--	--	ND	--	--	--	--	--	1.60	--
02/15/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.120	--
05/11/00	--	--	--	--	--	--	--	6800	--	--	--	--	--	0.27	--
08/09/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.93	--
11/27/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	2.62	--
02/14/01	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.0613	--
05/11/01	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.0882	--
08/09/01	--	--	--	--	--	--	--	ND<1000	--	--	--	--	--	1.5	--
11/30/01	--	--	--	--	--	--	--	ND<1000	--	--	--	--	--	0.790	--
02/07/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	ND<0.300	--
05/10/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	ND<0.300	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Kerosene (µg/l)	TPH- Motor Oil (µg/l)	Total Oil and Grease (mg/l)	n-Butyl- benzene (µg/l)	sec-Butyl- benzene (µg/l)	Isopropyl- benzene (µg/l)	p- Isopropyl- toluene (µg/l)	Methane (µg/l)	n-Propyl- benzene (µg/l)	1,2,4- Trimethyl- benzene (µg/l)	1,3,5- Trimethyl- benzene (µg/l)	Fluorene (µg/l)	Phen- anthrene (µg/l)	Iron (dissolved) (mg/l)	Iron Ferrous (mg/l)
MW-11 continued															
08/15/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	ND<0.050	--
11/14/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	0.024	--
02/13/03	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	0.28	--
05/16/03	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	ND<0.30	--
08/12/03	--	--	--	--	--	--	--	ND<10	--	--	--	--	--	2.8	--
02/24/04	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	--	ND<0.20
08/04/04	--	--	--	--	--	--	--	4.5	--	--	--	--	--	--	2.5
02/03/05	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	--	ND<0.20
08/04/05	--	--	--	--	--	--	--	7	--	--	--	--	--	--	0.43
02/02/06	--	--	--	--	--	--	--	2.5	--	--	--	--	--	ND<0.20	--
MW-12															
08/05/99	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.48	--
02/15/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	6.30	--
08/09/00	--	--	--	--	--	--	--	ND	--	--	--	--	--	0.62	--
02/14/01	--	--	--	--	--	--	--	ND	--	--	--	--	--	1.33	--
08/09/01	--	--	--	--	--	--	--	ND<1000	--	--	--	--	--	0.93	--
02/07/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	ND<0.300	--
08/15/02	--	--	--	--	--	--	--	ND<2000	--	--	--	--	--	ND<0.050	--
08/12/03	--	--	--	--	--	--	--	ND<10	--	--	--	--	--	0.30	--
02/24/04	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	--	ND<0.20
08/04/04	--	--	--	--	--	--	--	ND<0.010	--	--	--	--	--	--	ND<0.20
02/03/05	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	--	ND<0.20
08/04/05	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	--	ND<0.20
02/02/06	--	--	--	--	--	--	--	ND<1.0	--	--	--	--	--	0.20	--

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Manganese (dissolved)	Nitrate	Sulfate	Carbon Dioxide (Lab)	TDS	Field Conductivity	Field pH	Field Temp	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mmhos/cm)	(pH unit)	(deg. F)	(mg/l)	(mg/l)	(mV)
MW-1											
08/22/95	--	--	--	--	120	--	--	--	--	--	--
05/19/99	--	--	--	--	--	--	--	--	0.21	0.18	--
08/05/99	--	--	--	--	--	--	--	--	2.35	3.70	--
02/15/00	--	--	--	--	--	--	--	--	3.76	3.85	34
08/09/00	--	--	--	5.5	--	--	--	--	4.48	4.09	180
05/06/04	--	--	--	--	--	302	5.72	15.5	--	4.63	155
08/04/04	--	--	--	50	--	321	6.93	18.0	--	4.63	14
02/03/05	--	--	--	15	--	443	6.12	19.2	--	2.20	30
05/05/05	--	--	--	8	--	266	6.28	16.3	--	2.08	121
08/04/05	--	--	--	18	--	156	5.83	14.9	--	1.82	190
11/03/05	--	--	--	5	--	189	6.07	14.8	--	2.65	-035
02/02/06	--	--	--	13	--	323	6.04	14.6	--	1.66	100
05/04/06	--	--	--	11	--	0.23	3.4	60.5	--	2.40	213
MW-2											
08/22/95	--	--	--	--	130	--	--	--	--	--	--
05/19/99	--	--	--	--	--	--	--	--	0.32	0.28	--
08/05/99	ND	9.2	15	2.0	--	--	--	--	6.86	6.37	66.1
02/15/00	--	--	--	--	--	--	--	--	8.05	7.87	213
08/09/00	--	--	--	ND	--	--	--	--	6.52	6.58	254
02/24/04	--	--	--	35	--	229	6.93	15.8	--	7.49	174
05/06/04	--	--	--	--	--	250	6.71	14.9	--	6.32	163
08/04/04	--	--	--	30	--	321	7.21	19.8	--	4.26	10
02/03/05	--	--	--	3	--	181	6.17	18.2	--	5.77	124
05/05/05	--	--	--	3	--	--	--	--	--	5.54	93
08/04/05	--	--	--	6	--	151	6.15	15.0	--	5.46	208
11/03/05	--	--	--	8	--	190.5	5.89	15.1	--	4.19	011

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Manganese (dissolved)	Nitrate	Sulfate	Carbon Dioxide (Lab)	TDS	Field Conductivity	Field pH	Field Temp	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mmhos/cm)	(pH unit)	(deg. F)	(mg/l)	(mg/l)	(mV)
MW-2 continued											
02/02/06	--	--	--	7	--	246	6.15	15.6	--	3.47	092
05/04/06	--	--	--	5	--	0.22	3.33	61.3	--	5.04	223
MW-3											
08/22/95	--	--	--	--	110	--	--	--	--	--	--
05/19/99	--	--	--	--	--	--	--	--	0.38	0.28	--
08/05/99	--	--	--	--	--	--	--	--	5.11	5.30	--
02/15/00	--	--	--	--	--	--	--	--	6.40	6.50	213
08/09/00	--	--	--	ND	--	--	--	--	5.05	4.88	248
02/24/04	--	--	--	50	--	211	6.14	16.0	--	3.19	173
05/06/04	--	--	--	--	--	232	6.42	15.8	--	3.75	165
08/04/04	--	--	--	30	--	311	8.01	18.0	--	4.21	10
11/10/04	--	--	--	15	--	179	5.60	16.9	--	3.20	57
02/03/05	--	--	--	6	--	221	5.95	20.5	--	3.87	48
05/05/05	--	--	--	4	--	--	--	--	--	4.02	85
08/04/05	--	--	--	10	--	173	7.46	15.0	--	3.20	212
11/03/05	--	--	--	6	--	196	6.00	15.7	--	3.38	025
02/02/06	--	--	--	5	--	214	6.11	15.3	--	2.56	049
05/04/06	--	--	--	5	--	0.24	3.42	61.0	--	3.83	218
MW-4											
08/22/95	--	--	--	--	120	--	--	--	--	--	--
05/19/99	0.67	ND	2.6	1.7	--	--	--	--	0.17	0.18	68.5
08/05/99	0.77	ND	2.3	4.2	--	--	--	--	1.30	1.22	48.2
11/24/99	1.21	ND	5.7	16	--	--	--	--	4.55	3.81	474
02/15/00	0.213	43	11	--	--	--	--	--	5.76	6.21	56
05/11/00	0.470	ND	2.7	5.2	--	--	--	--	4.01	4.90	94
08/09/00	0.99	ND	4.5	8.9	--	--	--	--	3.09	3.22	34

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Manganese (dissolved)	Nitrate	Sulfate	Carbon Dioxide (Lab)	TDS	Field Conductivity	Field pH	Field Temp	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mmhos/cm)	(pH unit)	(deg. F)	(mg/l)	(mg/l)	(mV)
MW-4 continued											
11/27/00	0.326	ND	7.4	ND	--	--	--	--	2.70	2.75	46
02/14/01	0.988	ND	13	22	--	--	--	--	3.2	6.8	63
05/11/01	0.874	0.206	5.3	7.5	--	--	--	--	3.4	5.2	44
08/09/01	0.87	ND<1.0	3.3	12	--	--	--	--	3.3	6.4	54
11/30/01	1.600	0.330	12	21	--	--	--	--	3.4	5.7	55
02/07/02	0.860	ND<0.200	8.200	11	--	--	--	--	3.3	2.5	63
05/10/02	0.870	0.270	4.600	18	--	--	--	--	--	1.1	61
08/15/02	1.0	ND<0.89	1.7	20	--	--	--	--	--	2.6	-15
11/14/02	1.3	ND<0.20	3.1	27	--	--	--	--	--	1.6	106
02/13/03	1.0	ND<0.20	8.8	11	--	--	--	--	--	1.4	18
05/16/03	0.39	2	15	13	--	--	--	--	--	1.4	55
08/12/03	1.0	ND<1.0	1.3	39	--	--	--	--	--	1.3	30
05/06/04	--	--	--	30	--	320	8.14	14.1	--	4.51	10
08/04/04	0.86	ND<1.0	5.1	25	--	281	7.99	17.9	--	4.64	9
11/10/04	--	--	--	50	--	245	5.67	16.5	--	1.48	11
02/03/05	1.6	1.1	76	11	--	261	6.09	20.4	--	1.21	16
05/05/05	--	--	--	15	--	222	6.36	15.1	--	0.84	147
08/04/05	0.84	ND<1.0	12	27	--	162	6.08	14.4	--	1.53	189
11/03/05	--	--	--	6	--	287	5.14	14.6	--	1.20	066
02/02/06	0.91	5.4	22	9	--	282	5.50	14.5	--	1.01	099
05/04/06	--	--	--	6	--	0.17	3.25	60.5	--	0.75	248
MW-5											
08/22/95	--	--	--	--	170	--	--	--	--	--	--
05/19/99	--	--	--	--	--	--	--	--	0.38	0.32	--
08/05/99	--	--	--	--	--	--	--	--	4.31	6.94	--
02/15/00	--	--	--	--	--	--	--	--	8.96	9.11	129

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Manganese (dissolved)	Nitrate	Sulfate	Carbon Dioxide (Lab)	TDS	Field Conductivity	Field pH	Field Temp	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mmhos/cm)	(pH unit)	(deg. F)	(mg/l)	(mg/l)	(mV)
MW-5 continued											
08/09/00	--	--	--	5.7	--	--	--	--	4.90	6.45	94
05/06/04	--	--	--	--	--	351	6.10	14.6	--	3.29	166
08/04/05	--	--	--	21	--	167.8	5.75	15.0	--	2.77	37
11/03/05	--	--	--	6	--	173.5	5.95	13.8	--	3.48	-014
02/02/06	--	--	--	12	--	200	6.16	14.6	--	5.24	087
05/04/06	--	--	--	4	--	0.16	3.90	56.4	--	1.93	106
MW-6											
08/22/95	--	--	--	--	120	--	--	--	--	--	--
05/19/99	--	--	--	--	--	--	--	--	0.32	0.32	--
08/05/99	--	--	--	--	--	--	--	--	5.10	5.11	--
02/15/00	--	--	--	--	--	--	--	--	5.90	6.23	203
08/09/00	--	--	--	ND	--	--	--	--	6.84	7.06	266
02/24/04	--	--	--	60	--	231	6.08	16.1	--	2.19	170
05/06/04	--	--	--	--	--	219	6.63	15.6	--	1.59	210
02/03/05	--	--	--	13	--	251	5.97	21.6	--	1.71	21
05/05/05	--	--	--	6	--	--	--	--	--	1.65	98
08/04/05	--	--	--	7	--	165	6.02	16.0	--	4.44	203
11/03/05	--	--	--	7	--	199.1	6.05	15.8	--	4.09	015
02/02/06	--	--	--	8	--	202	6.14	16.4	--	2.47	067
05/04/06	--	--	--	8	--	0.19	3.24	60.9	--	2.28	221
MW-7											
08/22/95	--	--	--	--	130	--	--	--	--	--	--
05/19/99	0.063	2.9	12	1.6	--	--	--	--	0.51	0.38	50.1
02/15/00	0.0108	9.4	12	--	--	--	--	--	8.56	7.95	228
02/14/01	0.0195	7.3	14	12	--	--	--	--	7.3	6.4	294
02/07/02	ND<0.010	3.400	13.000	ND<10	--	--	--	--	6.8	6.5	233

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Manganese (dissolved)	Nitrate	Sulfate	Carbon Dioxide (Lab)	TDS	Field Conductivity	Field pH	Field Temp	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mmhos/cm)	(pH unit)	(deg. F)	(mg/l)	(mg/l)	(mV)
MW-7 continued											
02/13/03	0.011	5.0	14	ND<10	--	--	--	--	--	5.6	85
02/24/04	--	--	--	35	--	225	5.89	15.1	--	5.57	223
05/06/04	--	--	--	--	--	244	6.21	15.8	--	5.34	209
02/03/05	--	--	--	3	--	179	6.26	20.0	--	6.57	98
05/05/05	--	--	--	5	--	--	--	--	--	4.60	88
08/04/05	--	--	--	8	--	161	5.89	15.0	--	3.17	161
11/03/05	--	--	--	9	--	240	6.05	15.5	--	3.36	-013
02/02/06	--	--	--	5	--	187.2	6.09	15.6	--	4.45	089
05/04/06	--	--	--	7	--	0.13	3.33	58.8	--	4.69	225
MW-8											
08/22/95	--	--	--	--	120	--	--	--	--	--	--
05/19/99	1.4	ND	2.9	2.1	--	--	--	--	0.10	0.04	13.1
08/05/99	0.95	ND	7.6	3.6	--	--	--	--	2.00	0.57	48.8
11/24/99	1.88	ND	13	17	--	--	--	--	5.21	4.87	523
02/15/00	1.22	4.1	5.0	--	--	--	--	--	3.52	4.94	6
05/11/00	1.20	ND	1.2	6.2	--	--	--	--	2.92	5.56	77
08/09/00	0.80	ND	9.4	7.5	--	--	--	--	2.44	2.45	52
11/27/00	1.02	ND	11	5.3	--	--	--	--	2.16	1.95	64
02/14/01	0.978	ND	7.1	20	--	--	--	--	3.2	4.1	62
05/11/01	1.21	ND	11	9.5	--	--	--	--	3.4	4.1	61
08/09/01	0.94	ND<1.0	8.8	10	--	--	--	--	4.8	5.5	55
11/30/01	1.700	ND<0.200	16	16	--	--	--	--	5.0	5.4	49
02/07/02	1.900	0.540	6.500	13	--	--	--	--	3.0	2.5	57
05/10/02	1.400	ND<0.200	4.400	12	--	--	--	--	--	1.3	81
08/15/02	0.76	ND<0.89	8.2	12	--	--	--	--	--	2.6	2
11/14/02	1.4	ND<0.20	29	20	--	--	--	--	--	1.6	170

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Manganese (dissolved)	Nitrate	Sulfate	Carbon Dioxide (Lab)	TDS	Field Conductivity	Field pH	Field Temp	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mmhos/cm)	(pH unit)	(deg. F)	(mg/l)	(mg/l)	(mV)
MW-8 continued											
02/13/03	2.4	0.33	3.4	11	--	--	--	--	--	1.5	-15
05/16/03	1.4	ND<1	5.9	ND<10	--	--	--	--	--	1.0	60
08/12/03	1.0	ND<1.0	5.7	35	--	--	--	--	--	1.4	50
02/24/04	--	--	--	95	--	319	6.86	15.1	--	1.24	1
05/06/04	--	--	--	50	--	1996	8.29	15.7	--	5.02	-55
08/04/04	--	--	--	50	--	198	8.04	18.3	--	4.68	-83
11/10/04	--	--	--	95	--	490	5.01	16.7	--	2.08	68
02/03/05	--	--	--	76	--	699	5.21	16.5	--	2.28	96
05/05/05	--	--	--	34	--	274	6.37	15.6	--	0.79	-101
08/04/05	--	--	--	23	--	354	6.47	15.8	--	2.54	-30
11/03/05	--	--	--	7	--	269	5.87	15.0	--	1.67	004
02/02/06	--	--	--	13	--	210	6.65	13.7	--	4.39	036
05/04/06	--	--	--	6	--	0.30	4.14	56.7	--	0.77	025
MW-9											
08/22/95	--	--	--	--	120	--	--	--	--	--	--
05/19/99	--	--	--	--	--	--	--	--	0.84	0.82	43.9
08/05/99	--	--	--	--	--	--	--	--	2.15	10.01	--
02/15/00	--	--	--	--	--	--	--	--	6.36	8.01	209
08/09/00	--	--	--	6.2	--	--	--	--	4.69	6.11	221
02/24/04	--	--	--	50	--	195	8.01	14.7	--	4.14	164
05/06/04	--	--	--	--	--	216	6.98	14.5	--	3.92	146
02/03/05	--	--	--	9	--	181.9	5.88	18.9	--	5.21	32
05/05/05	--	--	--	9	--	--	--	--	--	4.13	-50
08/04/05	--	--	--	25	--	191	6.29	16.7	--	6.42	127
11/03/05	--	--	--	9	--	221	6.70	15.2	--	3.96	116
02/02/06	--	--	--	12	--	250	6.22	15.6	--	3.57	113

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Manganese (dissolved)	Nitrate	Sulfate	Carbon Dioxide (Lab)	TDS	Field Conductivity	Field pH	Field Temp	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mmhos/cm)	(pH unit)	(deg. F)	(mg/l)	(mg/l)	(mV)
MW-9 continued											
05/04/06	--	--	--	8	--	0.17	3.61	57.9	--	4.12	152
MW-10											
08/22/95	--	--	--	--	160	--	--	--	--	--	--
05/19/99	0.033	3.3	12	2.2	--	--	--	--	0.65	0.63	19.1
08/05/99	0.84	ND	7.9	3.6	--	--	--	--	1.45	3.06	55.2
02/15/00	0.0176	8.2	14	--	--	--	--	--	8.14	6.28	225
08/09/00	1.0	ND	10	6.4	--	--	--	--	3.53	2.82	106
02/14/01	0.691	ND	12	15	--	--	--	--	4.7	3.7	168
08/09/01	1.3	ND<1.0	11	12	--	--	--	--	4.4	3.4	154
02/07/02	0.019	1.100	13.000	13	--	--	--	--	5.6	4.5	170
08/15/02	1.1	ND<0.89	9.7	13	--	--	--	--	--	2.5	-15
02/13/03	0.33	2.2	17	ND<10	--	--	--	--	--	4.6	81
08/12/03	1.3	ND<1.0	12	35	--	--	--	--	--	2.1	151
02/24/04	0.15	--	15	45	--	279	7.76	17.2	--	5.93	181
05/06/04	--	--	--	--	--	274	6.82	14.7	--	5.13	179
08/04/04	1.1	ND<1.0	11	35	--	228	7.82	17.7	--	0.00531	-40
11/10/04	--	--	--	50	--	339	5.70	17.9	--	2.32	41
02/03/05	0.20	6.0	45	16	--	303	5.94	19.2	--	4.10	75
05/05/05	--	--	--	6	--	--	--	--	--	5.23	45
08/04/05	1.1	ND<1.0	45	20	--	283	5.90	17.8	--	1.53	41
11/03/05	--	--	--	6	--	275	6.06	16.3	--	1.91	-025
02/02/06	ND<0.011	9.4	21	6	--	361	6.13	14.4	--	5.06	108
05/04/06	--	--	--	5	--	0.22	3.44	58.8	--	6.02	197
MW-11											
08/22/95	--	--	--	--	160	--	--	--	--	--	--
05/19/99	0.011	3.9	11	1.9	--	--	--	--	0.20	0.22	66.7

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Manganese (dissolved)	Nitrate	Sulfate	Carbon Dioxide (Lab)	TDS	Field Conductivity	Field pH	Field Temp	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mmhos/cm)	(pH unit)	(deg. F)	(mg/l)	(mg/l)	(mV)
MW-11 continued											
08/05/99	0.26	ND	9.6	3.3	--	--	--	--	2.08	1.16	46.3
11/24/99	0.394	5.0	11	11	--	--	--	--	6.33	5.71	533
02/15/00	ND	6.4	10	--	--	--	--	--	6.66	6.08	185
05/11/00	0.0140	ND	9.6	ND	--	--	--	--	5.77	6.93	173
08/09/00	0.56	ND	8.0	6.4	--	--	--	--	3.56	2.64	58
11/27/00	0.973	ND	7.9	6.7	--	--	--	--	3.51	3.14	89
02/14/01	0.0573	ND	10	9.3	--	--	--	--	6.9	5.9	264
05/11/01	0.0244	0.504	12	9.0	--	--	--	--	6.7	5.5	258
08/09/01	0.63	ND<1.0	2.8	11	--	--	--	--	5.3	3.9	268
11/30/01	0.210	1.600	12	13	--	--	--	--	6.4	5.1	189
02/07/02	ND<0.010	0.990	11.000	13	--	--	--	--	4.8	3.9	266
05/10/02	0.024	0.320	7.500	14	--	--	--	--	--	1.7	30
08/15/02	0.76	ND<0.89	2.6	13	--	--	--	--	--	2.8	-31
11/14/02	1.0	ND<0.20	13	22	--	--	--	--	--	1.1	126
02/13/03	0.011	1.9	14	ND<10	--	--	--	--	--	2.4	61
05/16/03	ND<0.010	ND<1	98	ND<10	--	--	--	--	--	3.8	220
08/12/03	0.53	ND<1.0	4.6	36	--	--	--	--	--	1.9	56
02/24/04	ND<0.005	--	13	50	--	282	7.28	16.5	--	2.81	202
05/06/04	--	--	--	15	--	233	5.84	15.3	--	6.67	46
08/04/04	0.67	ND<1.0	5.2	65	--	210	7.68	17.8	--	5.76	-31
11/10/04	--	--	--	55	--	331	6.05	18.1	--	1.64	2
02/03/05	ND<0.0050	6.0	42	5	--	294	6.03	18.1	--	7.13	38
05/05/05	--	--	--	6	--	295	6.39	16.7	--	5.60	-2
08/04/05	0.24	ND<1.0	18	17	--	247	6.07	16.4	--	1.50	10
11/03/05	--	--	--	8	--	267	6.10	15.6	--	160	-052
02/02/06	ND<0.050	8.5	19	8	--	274	6.06	15.4	--	3.15	104

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
Bulk Plant 0220

Date Sampled	Manganese (dissolved)	Nitrate	Sulfate	Carbon Dioxide (Lab)	TDS	Field Conductivity	Field pH	Field Temp	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mmhos/cm)	(pH unit)	(deg. F)	(mg/l)	(mg/l)	(mV)
MW-11 continued											
05/04/06	--	--	--	3	--	0.21	3.69	56.6	--	6.22	150
MW-12											
05/19/99	--	--	--	--	--	--	--	--	0.28	0.35	11.3
08/05/99	ND	9.1	29	1.0	--	--	--	--	5.41	6.80	24.8
02/15/00	0.0765	9.3	25	--	--	--	--	--	8.57	8.20	239
08/09/00	0.015	8.2	21	ND	--	--	--	--	6.58	7.19	152
02/14/01	0.0220	7.0	18	5.4	--	--	--	--	7.4	8.8	285
08/09/01	0.031	10	20	5.0	--	--	--	--	6.1	6.8	266
02/07/02	ND<0.010	2.700	13.000	ND<10	--	--	--	--	8.9	9.0	244
08/15/02	ND<0.010	8.8	19	15	--	--	--	--	--	1.9	52
08/12/03	0.0080	8.8	21	26	--	--	--	--	--	1.2	283
02/24/04	ND<0.005	--	19	30	--	310	7.02	17.5	--	6.13	187
05/06/04	--	--	--	--	--	289	6.72	15.5	--	5.27	210
08/04/04	ND<0.0050	8.0	19	45	--	236	7.36	17.9	--	5.48	-61
02/03/05	ND<0.0050	11	19	6	--	290	5.94	16.7	--	8.37	69
05/05/05	--	--	--	5	--	--	--	--	--	6.93	--
08/04/05	ND<0.0050	6.6	20	12	--	226	6.21	17.0	--	5.64	102
11/03/05	--	--	--	7	--	200	6.42	16.1	--	5.49	-063
02/02/06	ND<0.0050	8.3	15	8	--	514	6.07	14.7	--	5.26	121
05/04/06	--	--	--	3	--	0.22	3.58	57.5	--	6.87	183

Bulk Plant 0220

Table 3
Headspace Measurements

Well Name	Date	Percent Carbon Dioxide	Percent Oxygen	Organic Vapors (ppm)
MW-1	08/04/04	0.20	20.50	0.00
MW-1	02/03/05	0.60	21.60	0.00
MW-1	05/05/05	0.10	20.90	0.00
MW-1	08/04/05	0.10	20.90	0.00
MW-1	11/03/05	0.00	20.90	1.90
MW-1	02/02/06	0.00	20.90	1.60
MW-1	05/04/06	0.00	20.90	0.00
MW-2	05/06/04	0.00	20.90	0.00
MW-2	08/04/04	0.00	20.70	0.00
MW-2	02/03/05	1.00	20.70	0.00
MW-2	05/05/05	0.60	20.20	0.00
MW-2	08/04/05	0.00	20.90	0.00
MW-2	11/03/05	0.00	20.90	0.00
MW-2	02/02/06	0.00	20.90	0.00
MW-2	05/04/06	0.00	20.20	0.00
MW-3	05/06/04	0.00	20.60	0.90
MW-3	08/04/04	0.00	20.40	0.00
MW-3	11/10/04	1.00	20.30	3.00
MW-3	02/03/05	0.30	21.60	0.00
MW-3	05/05/05	0.20	20.90	0.00
MW-3	08/04/05	0.20	20.90	0.00
MW-3	11/03/05	0.00	20.90	0.00
MW-3	02/02/06	0.00	20.90	0.00
MW-3	05/04/06	0.80	19.00	0.00
MW-4	05/06/04	0.00	20.60	1.50
MW-4	08/04/04	0.00	20.50	0.00
MW-4	11/10/04	0.00	20.80	13.30
MW-4	02/03/05	0.10	21.60	0.00
MW-4	05/05/05	0.00	20.90	0.00
MW-4	08/04/05	0.10	20.90	0.00
MW-4	11/03/05	0.00	20.90	2.50
MW-4	02/02/06	0.00	20.90	1.60
MW-4	05/04/06	0.00	21.20	1.80
MW-5	05/06/04	0.30	20.30	0.00
MW-5	08/04/05	0.10	20.90	0.00
MW-5	11/03/05	0.00	20.90	0.00
MW-5	02/02/06	0.00	20.90	0.00
MW-5	05/04/06	0.20	21.30	0.00
MW-6	05/06/04	0.90	20.20	0.00
MW-6	02/03/05	0.40	21.70	0.00

Bulk Plant 0220

Table 3
Headspace Measurements

MW-6	05/05/05	0.50	20.90	0.00
MW-6	08/29/05	0.10	20.90	0.00
MW-6	11/03/05	0.00	20.90	0.00
MW-6	02/02/06	0.00	20.90	0.00
MW-6	05/04/06	0.00	21.30	0.00
		Percent	Percent	Organic
Well	Date	Carbon	Oxygen	Vapors
		Dioxide		(ppm)
MW-7	05/06/04	0.20	20.20	0.00
MW-7	02/03/05	0.30	21.60	0.00
MW-7	05/05/05	0.00	20.90	0.00
MW-7	08/29/05	0.10	20.90	0.00
MW-7	11/03/05	0.00	20.90	0.00
MW-7	02/02/06	0.00	20.90	0.00
MW-7	05/04/06	0.10	21.00	0.00
MW-8	05/06/04	0.00	20.90	71.10
MW-8	08/04/04	0.00	20.70	0.00
MW-8	11/10/04	0.10	20.90	12.20
MW-8	02/03/05	0.30	21.60	2.30
MW-8	05/05/05	0.00	20.90	0.00
MW-8	08/04/05	0.00	20.90	50.10
MW-8	11/03/05	0.00	20.90	0.00
MW-8	02/02/06	0.00	20.90	0.00
MW-8	05/04/06	0.20	21.30	32.90
MW-9	05/06/04	0.30	20.40	0.00
MW-9	02/03/05	2.00	21.10	0.00
MW-9	05/05/05	1.10	18.60	0.00
MW-9	08/29/05	0.02	20.90	0.20
MW-9	11/03/05	0.00	20.90	0.00
MW-9	02/02/06	0.00	20.90	0.00
MW-9	05/04/06	0.00	20.90	0.00
MW-10	05/06/04	0.20	20.10	0.00
MW-10	08/04/04	0.10	20.20	0.00
MW-10	11/10/04	1.30	0.90	6.90
MW-10	02/03/05	0.60	21.90	0.00
MW-10	05/05/05	0.10	20.90	0.00
MW-10	08/04/05	0.20	20.90	0.00
MW-10	11/03/05	0.00	20.90	0.00
MW-10	02/02/06	0.00	20.90	0.00
MW-10	05/04/06	0.10	21.10	0.00
MW-11	05/06/04	0.00	20.70	0.00
MW-11	08/04/04	0.00	20.40	0.00
MW-11	11/10/04	0.20	21.00	4.20

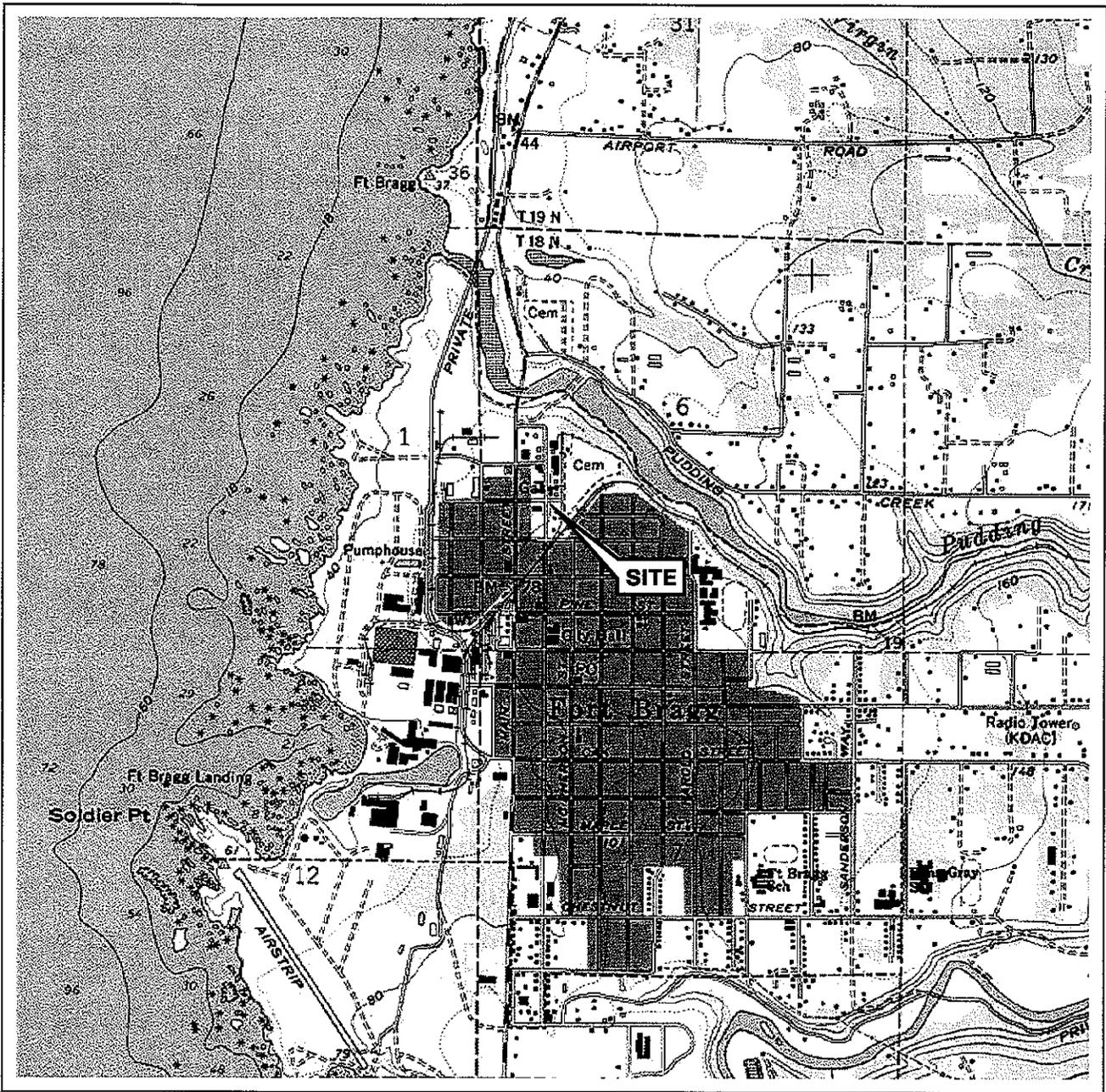
Bulk Plant 0220

Table 3
Headspace Measurements

MW-11	02/03/05	0.10	22.10	0.00
MW-11	05/05/05	0.00	20.90	0.00
MW-11	08/04/05	0.10	20.90	0.00
MW-11	11/03/05	0.00	20.90	0.00
MW-11	02/02/06	0.00	20.90	0.00
MW-11	05/04/06	0.00	21.30	0.00
MW-12	05/06/04	1.30	19.60	0.00
MW-12	08/04/04	0.10	20.20	0.00
MW-12	02/03/05	0.60	0.00	21.80
MW-12	05/05/05	0.20	20.90	0.00
MW-12	08/04/05	0.40	20.90	28.50
MW-12	11/03/05	0.00	20.90	0.00
MW-12	02/02/06	0.00	20.90	0.00
MW-12	05/04/06	0.10	21.30	0.00

FIGURES

PS = 1:1 L:\VICINITY M.A.P.S\0220vm.dwg Jun 07, 2006 - 2:18pm lwinters



0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Fort Bragg Quadrangle

QUADRANGLE
LOCATION



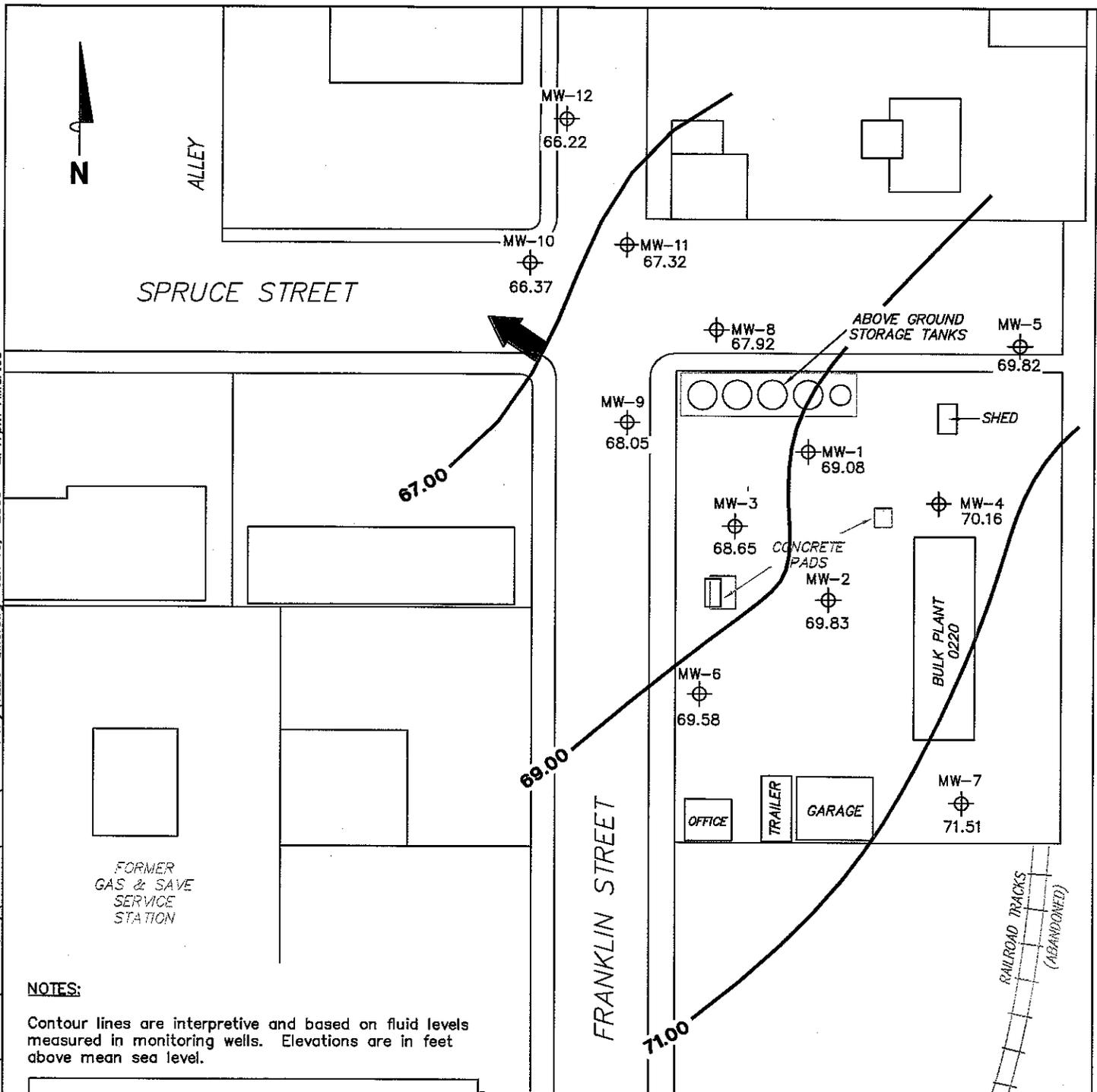
VICINITY MAP

Bulk Plant 0220
720 North Franklin Street
Fort Bragg, California

TRC

FIGURE 1

PS=1:1.0220-003 L:\Graphics\Projects\Number\20-xxxx\20-0400(Unocal\MS)\x-0000(Unocal\MS)\0220+ (Bulk Plant)\0220-QMS.dwg Jun 16, 2006 - 2:47pm AMartos



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level.

LEGEND

- MW-12 ⊕ Monitoring Well with Groundwater Elevation (feet)
- 71.00 — Groundwater Elevation Contour
- ➔ General Direction of Groundwater Flow

**GROUNDWATER ELEVATION CONTOUR MAP
May 4, 2006**

Bulk Plant 0220
720 North Franklin Street
Fort Bragg, California

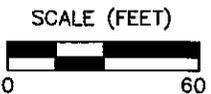
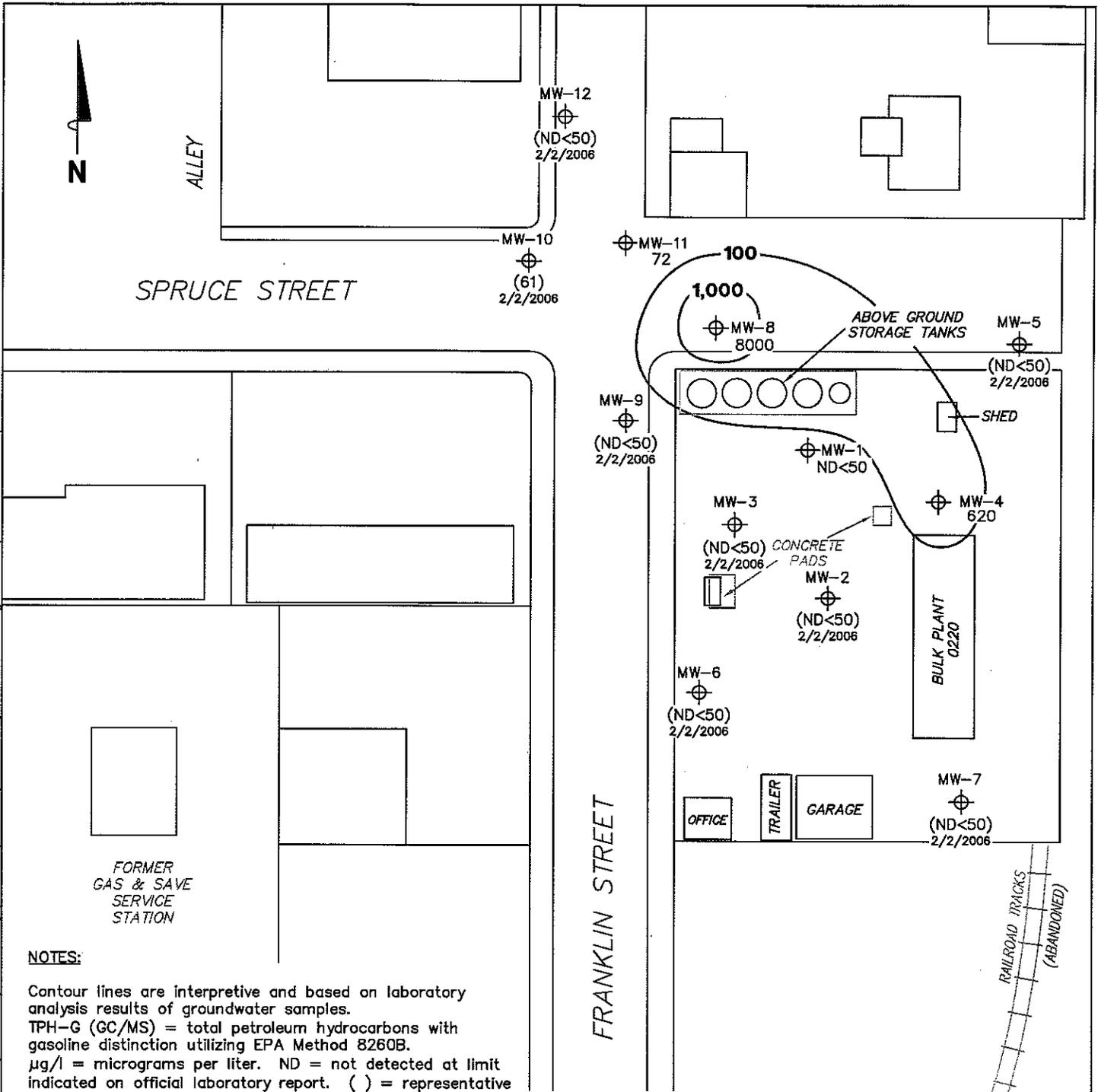


FIGURE 2

PS=1:1.0220-003 L:\Graphics\Projects\Number\20-xxxx\20-0400(UnocalQMS)\x-0000\0220+(Bulk Plant)\0220-QMS.dwg Jun 16, 2006 - 2:38pm AMartos



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
 TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B.
 µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. () = representative of historical value.

LEGEND

MW-12 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

—1,000— Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)

**DISSOLVED-PHASE
 TPH-G (GC/MS)
 CONCENTRATION MAP
 May 4, 2006**

Bulk Plant 0220
 720 North Franklin Street
 Fort Bragg, California

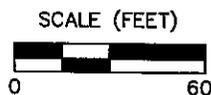
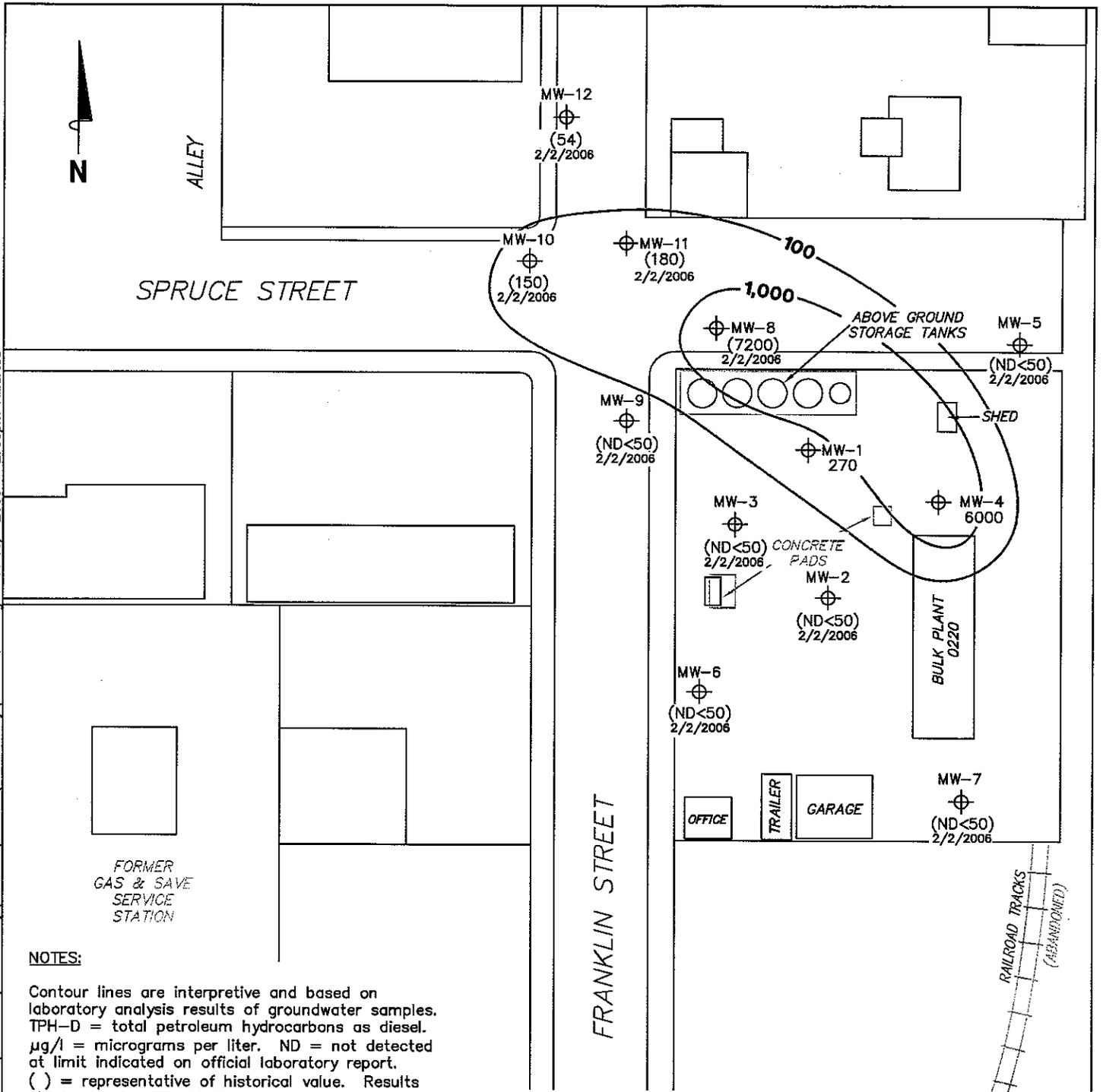


FIGURE 3

PS=1:1.0220-003 L: \Graphics\Projects\B\Number\20-xxxx\20-0400(Unocal\OMS)\x-0000\0220+ (Bulk Plant)\0220-OMS.dwg Jun 19, 2006 - 2:59pm AMartos



FORMER
GAS & SAVE
SERVICE
STATION

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-D = total petroleum hydrocarbons as diesel. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. () = representative of historical value. Results obtained using EPA Method 8015M.

LEGEND

MW-12 ⊕ Monitoring Well with Dissolved-Phase TPH-D Concentration (µg/l)

—1,000— Dissolved-Phase TPH-D Contour (µg/l)

**DISSOLVED-PHASE TPH-D
CONCENTRATION MAP
May 4, 2006**

Bulk Plant 0220
720 North Franklin Street
Fort Bragg, California

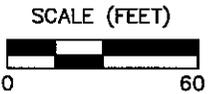
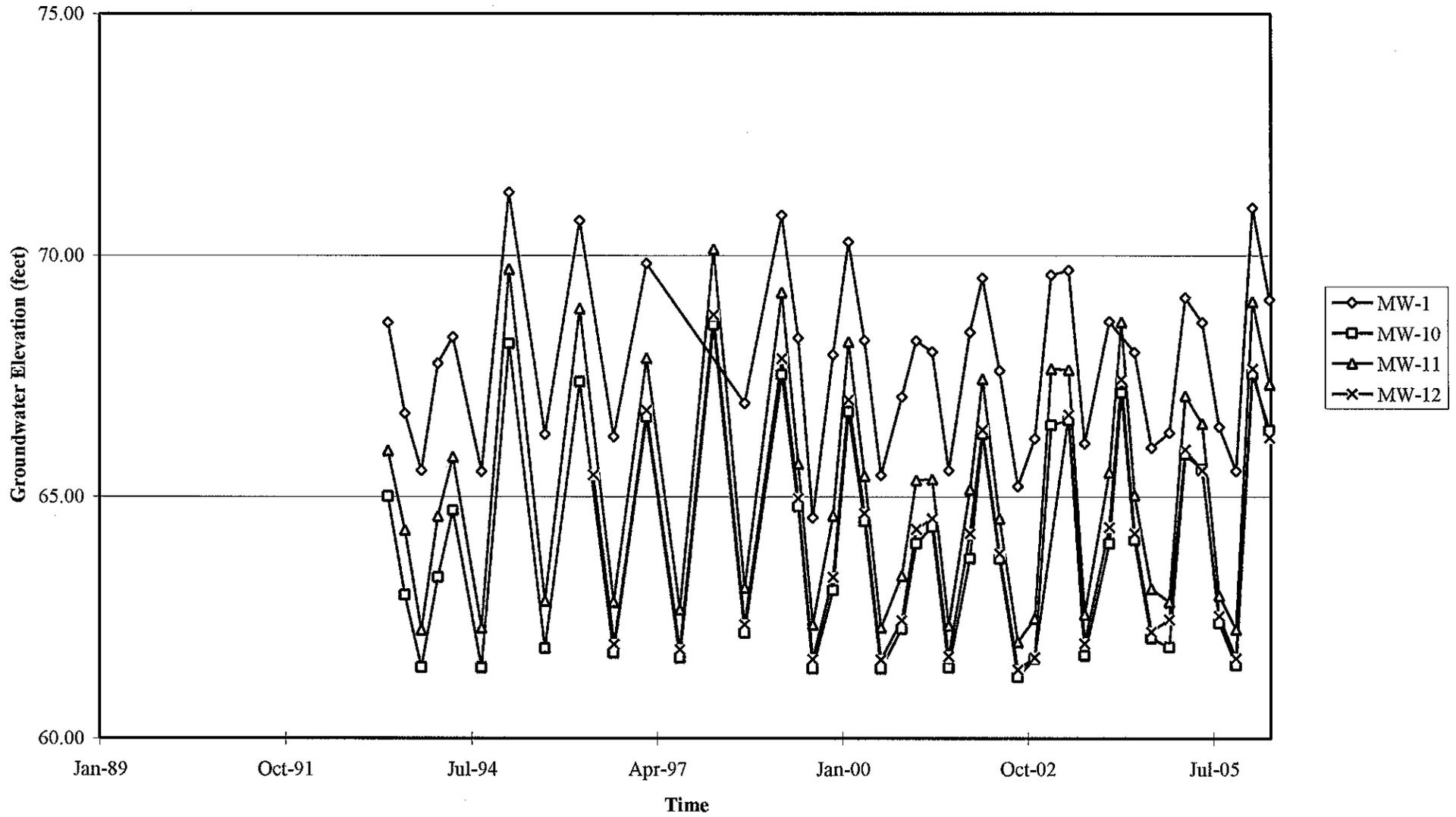


FIGURE 4

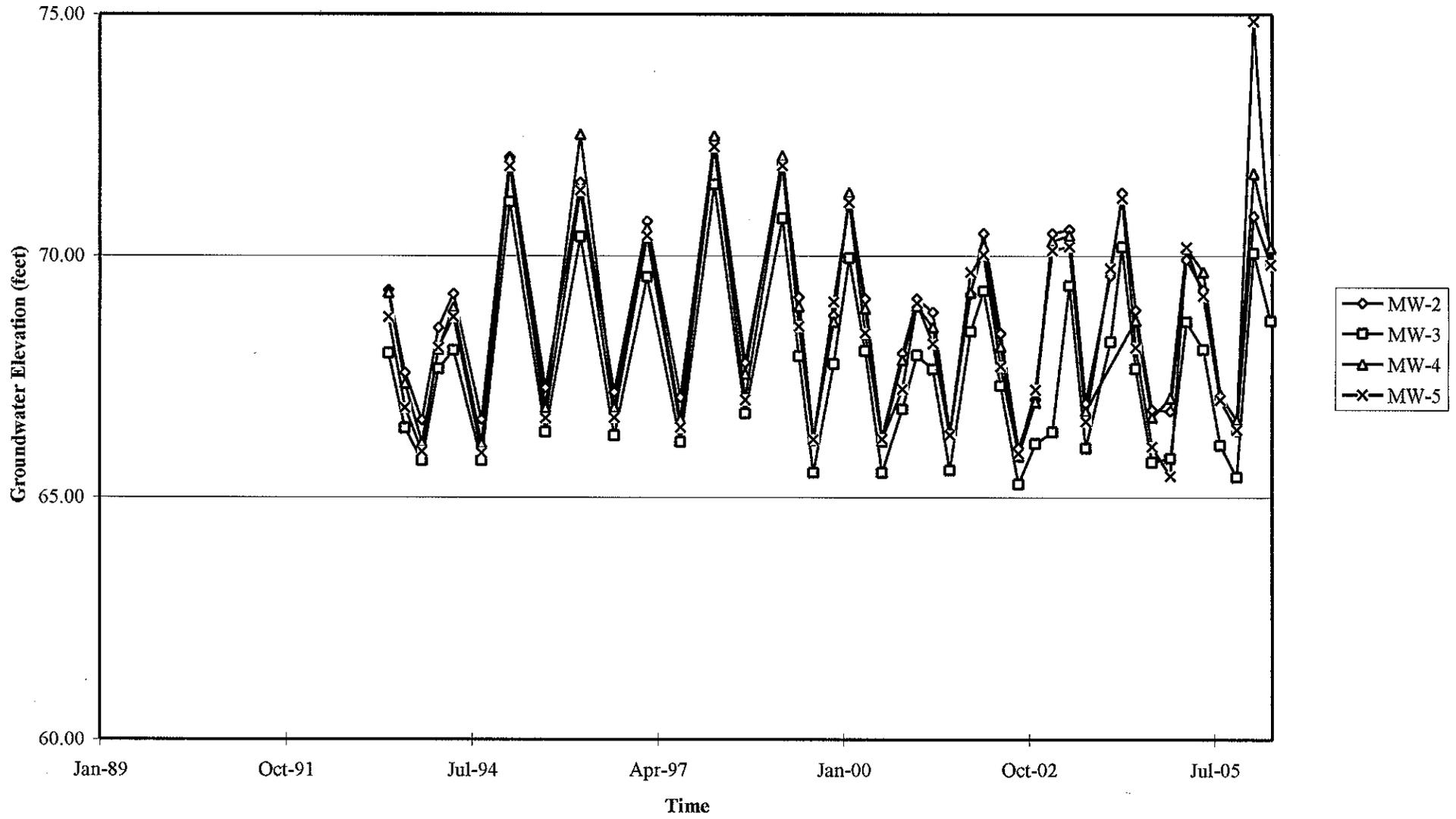
GRAPHS

Groundwater Elevations vs. Time
Bulk Plant 0220



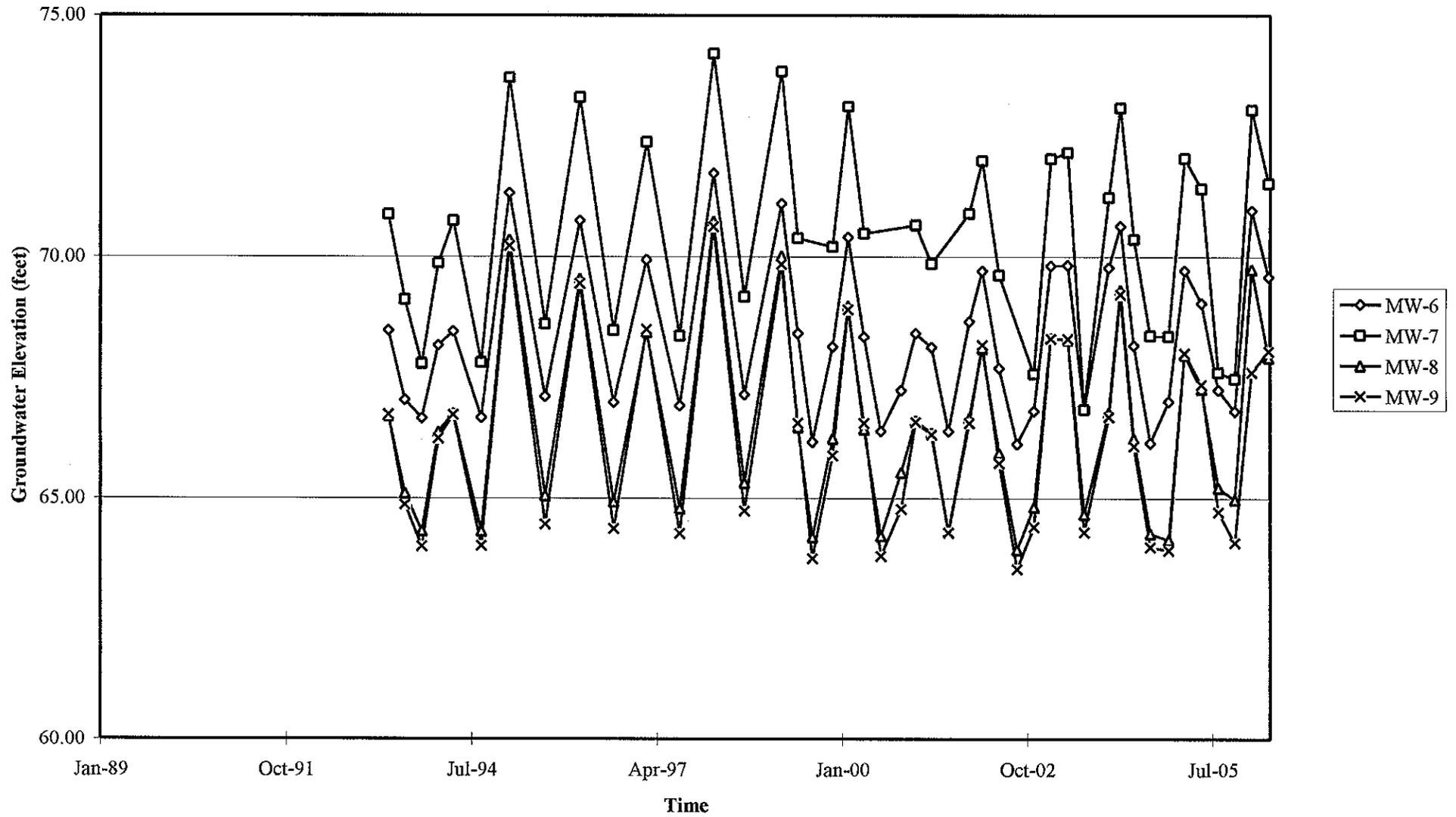
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Bulk Plant 0220



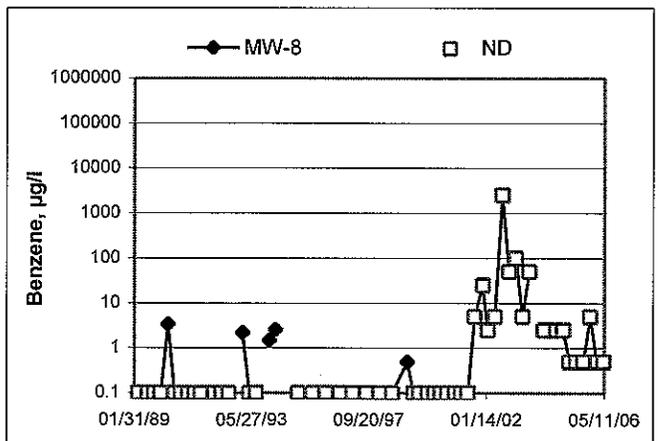
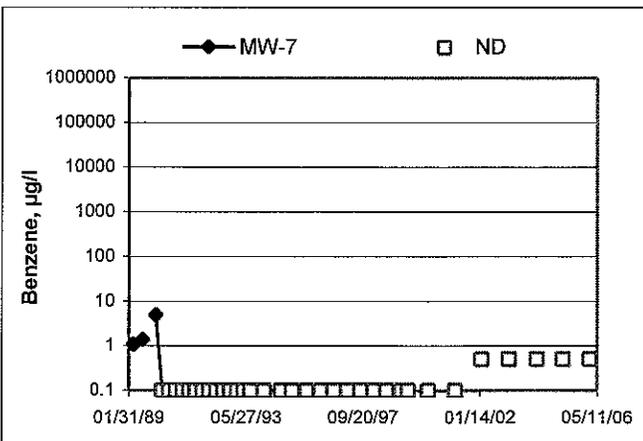
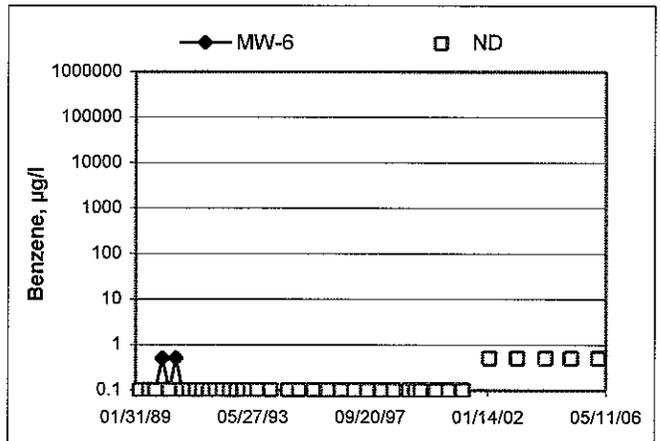
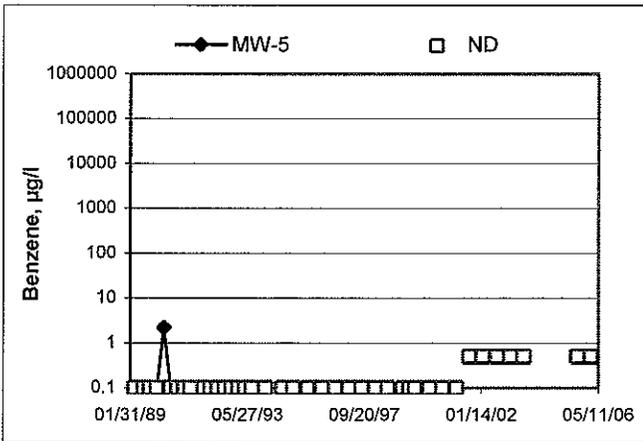
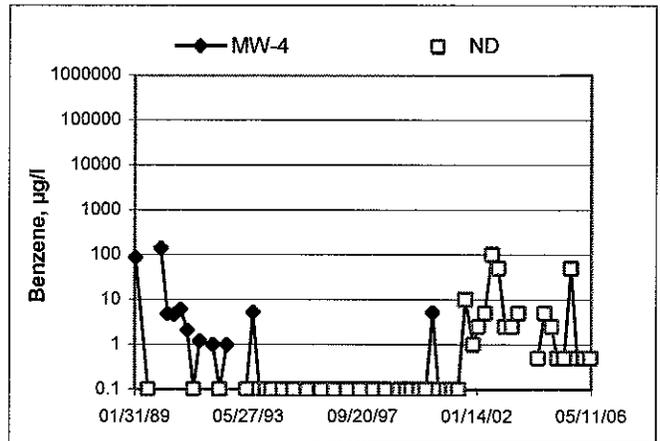
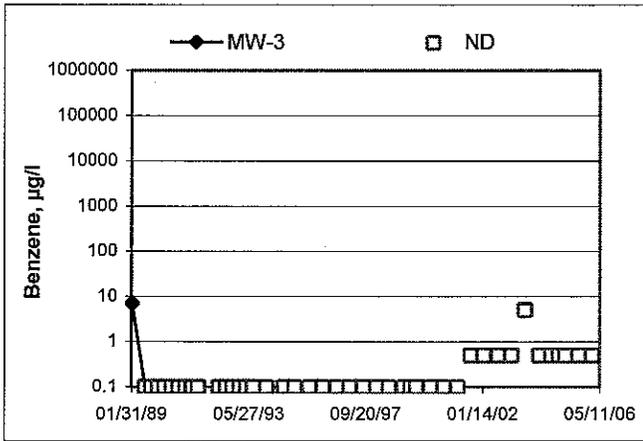
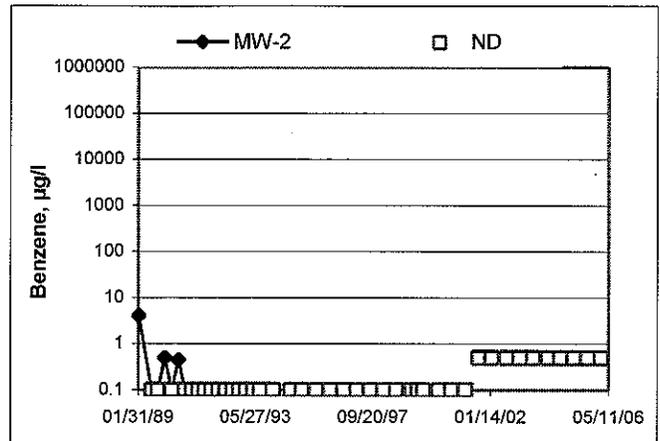
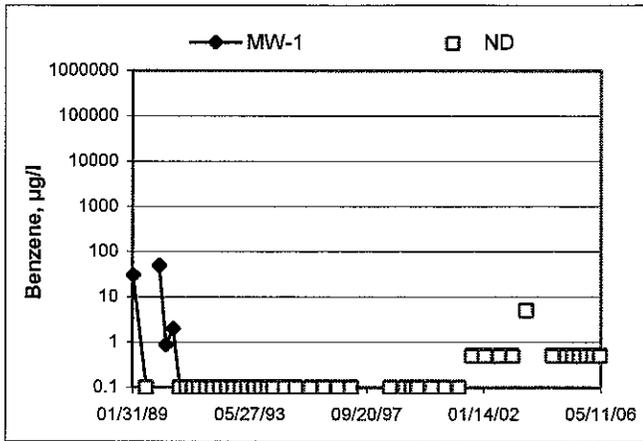
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
Bulk Plant 0220

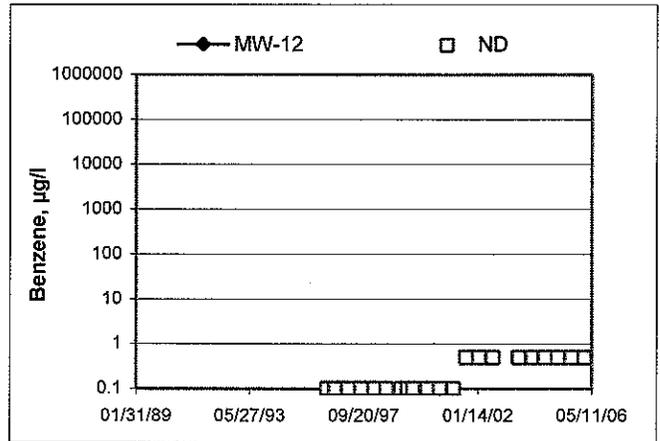
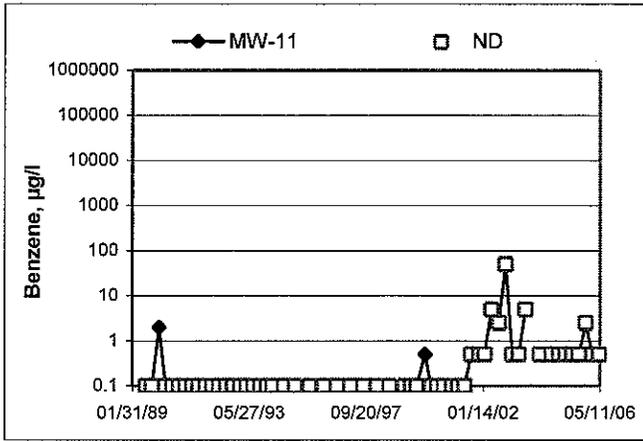
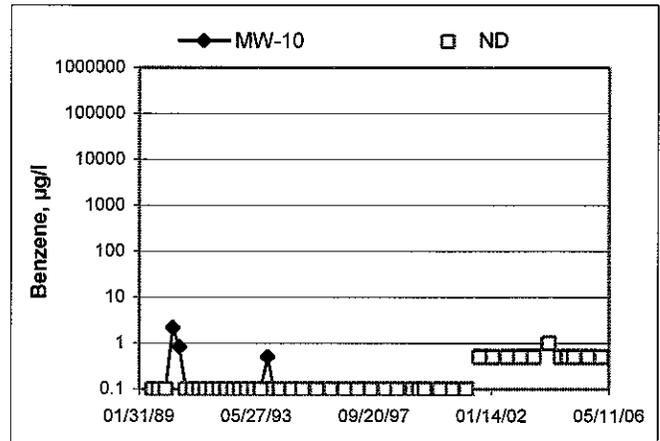
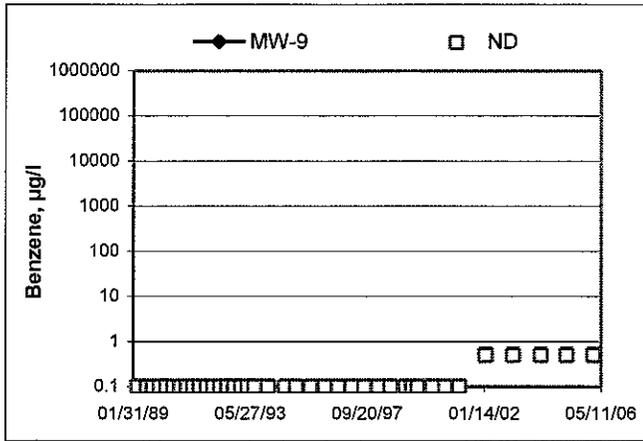


Elevations may have been corrected for apparent changes due to resurvey

Benzene Concentrations vs Time
Bulk Plant 0220



Benzene Concentrations vs Time Bulk Plant 0220



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

The sequence in which monitoring activities are conducted are specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

Decontamination

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated to a particular wells, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony/Naite

Site: 0220

Project No.: 41050001

Date: 05-04-06

Well No.: MW-5
 Depth to Water (feet): 12.65
 Total Depth (feet): 19.88
 Water Column (feet): _____
 80% Recharge Depth (feet): _____

Purge Method: _____
 Depth to Product (feet): _____
 LPH & Water Recovered (gallons): _____
 Casing Diameter (Inches): 2"
 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (°C)	pH	Turbidity ORP	D.O.
				0.16	56.4	3.90	106	1.93
Static at Time Sampled			Total Gallons Purged			Time Sampled		
Comments:		<u>CO₂ - 0.2 00.2</u>		<u>CO₂ - 4ppm</u>				
		<u>O₂ - 21.3 21.3</u>						
		<u>OV - 0.0</u>						

Well No.: MW-11
 Depth to Water (feet): 9.11
 Total Depth (feet): 19.69
 Water Column (feet): 10.58
 80% Recharge Depth (feet): 11.23

Purge Method: HB
 Depth to Product (feet): _____
 LPH & Water Recovered (gallons): _____
 Casing Diameter (Inches): 2"
 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (°C)	pH	Turbidity ORP	D.O.
1255 AX			pre purge	0.21	56.6	3.69	150	6.22
1255			2	0.24	66.5	3.16		
			4	0.21	63.7	3.17		
			6	0.22	62.5	3.18		
	1301		post purge	0.22	63.7	3.16		
Static at Time Sampled			Total Gallons Purged			Time Sampled		
9.14			6			1302		
Comments:		<u>CO₂ - 0.0</u>		<u>CO₂ - 3ppm</u>				
		<u>O₂ - 21.3 21.3</u>						
		<u>OV - 0.0</u>						

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony / Nate

Project No.: 41050001

Date: 05-04-06

Site: 0220

Well No.: MW-9

Purge Method: _____

Depth to Water (feet): 7.91

Depth to Product (feet): _____

Total Depth (feet): 18.81

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (°C)	pH	Turbidity ORP	D.O
				0.17	57.9	3.61	152	4.12
Static at Time Sampled			Total Gallons Purged			Time Sampled		
Comments: <u>CO₂ - 0.0</u> <u>CO₂ - 8 ppm</u>								
<u>O₂ - 20.9</u>								
<u>OV - 0.0</u>								

Well No.: MW-8

Purge Method: _____

Depth to Water (feet): 9.31

Depth to Product (feet): -

Total Depth (feet): 15.64

LPH & Water Recovered (gallons): -

Water Column (feet): 6.33

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.54

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (°C)	pH	Turbidity ORP	D.O
			pre purge	0.30	56.7	4.14	025	0.77
1309			1	0.33	62.5	3.72		
			2	0.32	63.4	3.86		
			3	0.32	62.3	3.92		
	1314		post purge	0.31	62.1	3.88	108	1.43
Static at Time Sampled			Total Gallons Purged			Time Sampled		
<u>9.47</u>						<u>1316</u>		
Comments: <u>CO₂ - 0.0 - 00.2</u> <u>CO₂ - 6 ppm</u>								
<u>O₂ - 20.9 21.3</u>								
<u>OV - 0.0 32.9</u>								

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony / Nate

Site: 0220

Project No.: 41050001

Date: 05-04-06

Well No.: MW-12

Purge Method: _____

Depth to Water (feet): 9.43

Depth to Product (feet): _____

Total Depth (feet): 19.27

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (°C)	pH	Turbidity	D.O.
				0.22	57.5	3.58	ORP 183	6.87
Static at Time Sampled			Total Gallons Purged			Time Sampled		
Comments:		CO ₂ - 0.1		00.1	CO ₂ - 3ppm			
		O ₂ - 2.1		2.3				
		OV - 0.0						

Well No.: MW-10

Purge Method: _____

Depth to Water (feet): 8.55

Depth to Product (feet): _____

Total Depth (feet): 19.36

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (°C)	pH	Turbidity	D.O.
				0.22	58.8	3.44	ORP 197	6.02
Static at Time Sampled			Total Gallons Purged			Time Sampled		
Comments:		CO ₂ - 0.1		00.1	CO ₂ - 4 5ppm			
		O ₂ - 2.1		2.1				
		OV - 0.0						

GROUNDWATER SAMPLING FIELD NOTES

Site: 0220 Technician: Anthony
 Project No.: 41050001 Date: 05-04-06

Well No.: MW-7 Purge Method: _____
 Depth to Water (feet): 9.45 Depth to Product (feet): _____
 Total Depth (feet): 18.51 LPH & Water Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity ORP	D.O.
				0.13	58.8	3.33	225	4.69
Static at Time Sampled			Total Gallons Purged			Time Sampled		
Comments: <u>CO₂ - 20.1 00.1 CO₂ - 7ppm</u>								
<u>O₂ - 20.1 21.0</u>								
<u>ORP - 0.0</u>								

Well No.: MW-6 Purge Method: _____
 Depth to Water (feet): 9.42 Depth to Product (feet): _____
 Total Depth (feet): 18.36 LPH & Water Recovered (gallons): _____
 Water Column (feet): _____ Casing Diameter (Inches): 2"
 80% Recharge Depth (feet): _____ 1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity ORP	D.O.
				0.19	60.9	3.24	221	2.28
Static at Time Sampled			Total Gallons Purged			Time Sampled		
Comments: <u>CO₂ - 20.1 0.0 CO₂ - 7ppm 8ppm</u>								
<u>O₂ - 20.1 21.3</u>								
<u>ORP - 0.0</u>								

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony
 Project No.: 41050001

Site: 0220

Date: 05-04-06

Well No.: MW-3

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): 2'

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (°C)	pH	Turbidity (ORP)	D.O.
				0.24	61.0	3.42	218	383
Static at Time Sampled		Total Gallons Purged			Time Sampled			
Comments:		<u>CO₂ - 9.19 0.08</u>			<u>CO₂ - 5ppm</u>			
		<u>O₂ - 20.14 19.0</u>						
		<u>OV - 0.0</u>						

Well No.: MW-1

Purge Method: HB

Depth to Water (feet): 10.96

Depth to Product (feet): -

Total Depth (feet): 21.02

LPH & Water Recovered (gallons): -

Water Column (feet): 10.06

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.97

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (°C)	pH	Turbidity (ORP)	D.O.
			pre purge	0.23	60.5	3.40	213	2.40
1231			2	0.22	63.3	3.24		
			4	0.22	60.8	3.23		
			6	0.22	59.9	3.22		
	1237		post purge	0.21	60.0	3.23	255	3.20
Static at Time Sampled		Total Gallons Purged			Time Sampled			
<u>10.96</u>		<u>6</u>			<u>1241</u>			
Comments:		<u>CO₂ - 0.0</u>			<u>CO₂ 11ppm</u>			
		<u>O₂ - 20.9</u>						
		<u>OV - 0.0</u>						

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 0220

Project No.: 41050001

Date: 05-04-06

Well No.: MW-4

Purge Method: Dec

Depth to Water (feet): 11.46

Depth to Product (feet): —

Total Depth (feet): 18.99

LPH & Water Recovered (gallons): —

Water Column (feet): 7.53

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.97

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity <u>ORP</u>	D.O
1221 AM			pre-purge	0.17	60.5	3.25	248	0.75
1221			1	0.17	61.4	3.47		
			2	0.16	59.8	3.28		
			3	0.16	58.8	3.24		
	1226		post-purge	0.16	59.2	3.12	272	2.03
Static at Time Sampled		Total Gallons Purged			Time Sampled			
11.53		3			1228			
Comments:		CO ₂ - 0.0			CO ₂ - 6 ppm			
		O ₂ - 2.1 2.1						
		OR - 0.0 1.8						

Well No.: MW-2

Purge Method: —

Depth to Water (feet): —

Depth to Product (feet): —

Total Depth (feet): —

LPH & Water Recovered (gallons): —

Water Column (feet): —

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): —

1 Well Volume (gallons): —

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity <u>ORP</u>	D.O
				0.22	61.3	3.33	223	5.64
Static at Time Sampled		Total Gallons Purged			Time Sampled			
Comments:		CO ₂ - 0.0			CO ₂ - 5 ppm			
		O ₂ - 2.0 2.0						
		OR - 0.0						



Laboratories, Inc

Date of Report: 05/23/2006

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 0220

BC Lab Number: 0604561

Enclosed are the results of analyses for samples received by the laboratory on 05/09/06 00:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Vanessa Hooker", written over a horizontal line.

Contact Person: Vanessa Hooker

Client Service Rep

A handwritten signature in black ink, consisting of a few stylized strokes, written over a horizontal line.

Authorized Signature



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0604561-01	COC Number:	---	Receive Date:	05/09/06 00:30	Delivery Work Order: Global ID: T0604593174 Matrix: W Sample QC Type (SACode): CS Cooler ID:
	Project Number:	0220	Sampling Date:	05/04/06 13:16	
	Sampling Location:	MW-8	Sample Depth:	---	
	Sampling Point:	MW-8	Sample Matrix:	Water	
Sampled By:	Nate, Anthony of TRCI				
0604561-02	COC Number:	---	Receive Date:	05/09/06 00:30	Delivery Work Order: Global ID: T0604593174 Matrix: W Sample QC Type (SACode): CS Cooler ID:
	Project Number:	0220	Sampling Date:	05/04/06 13:02	
	Sampling Location:	MW-11	Sample Depth:	---	
	Sampling Point:	MW-11	Sample Matrix:	Water	
Sampled By:	Nate, Anthony of TRCI				
0604561-03	COC Number:	---	Receive Date:	05/09/06 00:30	Delivery Work Order: Global ID: T0604593174 Matrix: W Sample QC Type (SACode): CS Cooler ID:
	Project Number:	0220	Sampling Date:	05/04/06 12:41	
	Sampling Location:	MW-1	Sample Depth:	---	
	Sampling Point:	MW-1	Sample Matrix:	Water	
Sampled By:	Nate, Anthony of TRCI				
0604561-04	COC Number:	---	Receive Date:	05/09/06 00:30	Delivery Work Order: Global ID: T0604593174 Matrix: W Sample QC Type (SACode): CS Cooler ID:
	Project Number:	0220	Sampling Date:	05/04/06 12:28	
	Sampling Location:	MW-4	Sample Depth:	---	
	Sampling Point:	MW-4	Sample Matrix:	Water	
Sampled By:	Nate, Anthony of TRCI				



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604561-01 | **Client Sample Name:** 0220, MW-8, MW-8, 5/4/2006 1:16:00PM, Nate, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Benzene	ND	ug/L	0.50		EPA-8260	05/15/06	05/16/06 11:48	SDU	MS-V12	1	BPE0784	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	05/15/06	05/16/06 11:48	SDU	MS-V12	1	BPE0784	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	05/15/06	05/16/06 11:48	SDU	MS-V12	1	BPE0784	ND	
Toluene	ND	ug/L	0.50		EPA-8260	05/15/06	05/16/06 11:48	SDU	MS-V12	1	BPE0784	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	05/15/06	05/16/06 11:48	SDU	MS-V12	1	BPE0784	ND	
Total Purgeable Petroleum Hydrocarbons	8000	ug/L	500		EPA-8260	05/15/06	05/17/06 14:35	SDU	MS-V12	10	BPE0784	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	05/15/06	05/17/06 14:35	SDU	MS-V12	10	BPE0784		
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	05/15/06	05/16/06 11:48	SDU	MS-V12	1	BPE0784		
Toluene-d8 (Surrogate)	97.5	%	88 - 110 (LCL - UCL)		EPA-8260	05/15/06	05/17/06 14:35	SDU	MS-V12	10	BPE0784		
Toluene-d8 (Surrogate)	99.1	%	88 - 110 (LCL - UCL)		EPA-8260	05/15/06	05/16/06 11:48	SDU	MS-V12	1	BPE0784		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	05/15/06	05/17/06 14:35	SDU	MS-V12	10	BPE0784		
4-Bromofluorobenzene (Surrogate)	111	%	86 - 115 (LCL - UCL)		EPA-8260	05/15/06	05/16/06 11:48	SDU	MS-V12	1	BPE0784		

TRC Alton Geoscience
 21 Technology Drive
 Irvine CA, 92618-2302

 Project: 0220
 Project Number: [none]
 Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604561-02		Client Sample Name: 0220, MW-11, MW-11, 5/4/2006 1:02:00PM, Nate, Anthony											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	05/15/06	05/17/06 12:01	SDU	MS-V12	1	BPE0784	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	05/15/06	05/17/06 12:01	SDU	MS-V12	1	BPE0784	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	05/15/06	05/17/06 12:01	SDU	MS-V12	1	BPE0784	ND	
Toluene	ND	ug/L	0.50		EPA-8260	05/15/06	05/17/06 12:01	SDU	MS-V12	1	BPE0784	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	05/15/06	05/17/06 12:01	SDU	MS-V12	1	BPE0784	ND	
Total Purgeable Petroleum Hydrocarbons	72	ug/L	50		EPA-8260	05/15/06	05/17/06 12:01	SDU	MS-V12	1	BPE0784	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	05/15/06	05/17/06 12:01	SDU	MS-V12	1	BPE0784		
Toluene-d8 (Surrogate)	94.9	%	88 - 110 (LCL - UCL)		EPA-8260	05/15/06	05/17/06 12:01	SDU	MS-V12	1	BPE0784		
4-Bromofluorobenzene (Surrogate)	97.9	%	86 - 115 (LCL - UCL)		EPA-8260	05/15/06	05/17/06 12:01	SDU	MS-V12	1	BPE0784		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604561-03		Client Sample Name: 0220, MW-1, MW-1, 5/4/2006 12:41:00PM, Nate, Anthony											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	05/16/06	05/17/06 12:26	SDU	MS-V12	1	BPE0784	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	05/16/06	05/17/06 12:26	SDU	MS-V12	1	BPE0784	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	05/16/06	05/17/06 12:26	SDU	MS-V12	1	BPE0784	ND	
Toluene	ND	ug/L	0.50		EPA-8260	05/16/06	05/17/06 12:26	SDU	MS-V12	1	BPE0784	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	05/16/06	05/17/06 12:26	SDU	MS-V12	1	BPE0784	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	05/16/06	05/17/06 12:26	SDU	MS-V12	1	BPE0784	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114 (LCL - UCL)		EPA-8260	05/16/06	05/17/06 12:26	SDU	MS-V12	1	BPE0784		
Toluene-d8 (Surrogate)	99.4	%	88 - 110 (LCL - UCL)		EPA-8260	05/16/06	05/17/06 12:26	SDU	MS-V12	1	BPE0784		
4-Bromofluorobenzene (Surrogate)	98.5	%	86 - 115 (LCL - UCL)		EPA-8260	05/16/06	05/17/06 12:26	SDU	MS-V12	1	BPE0784		



TRC Alton Geoscience
21 Technology Drive
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Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Total Petroleum Hydrocarbons

BCL Sample ID: 0604561-03		Client Sample Name: 0220, MW-1, MW-1, 5/4/2006 12:41:00PM, Nate, Anthony											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	270	ug/L	200		Luft/TPHd	05/17/06	05/22/06 12:59	VTR	GC-2	1	BPE1109	ND	A52
Tetracosane (Surrogate)	77.5	%	42 - 125 (LCL - UCL)		Luft/TPHd	05/17/06	05/22/06 12:59	VTR	GC-2	1	BPE1109		



TRC Alton Geoscience
21 Technology Drive
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Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604561-04		Client Sample Name: 0220, MW-4, MW-4, 5/4/2006 12:28:00PM, Nate, Anthony											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	05/16/06	05/16/06 13:05	SDU	MS-V12	1	BPE0784	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	05/16/06	05/16/06 13:05	SDU	MS-V12	1	BPE0784	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	05/16/06	05/16/06 13:05	SDU	MS-V12	1	BPE0784	ND	
Toluene	ND	ug/L	0.50		EPA-8260	05/16/06	05/16/06 13:05	SDU	MS-V12	1	BPE0784	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	05/16/06	05/16/06 13:05	SDU	MS-V12	1	BPE0784	ND	
Total Purgeable Petroleum Hydrocarbons	620	ug/L	50		EPA-8260	05/16/06	05/16/06 13:05	SDU	MS-V12	1	BPE0784	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	05/16/06	05/16/06 13:05	SDU	MS-V12	1	BPE0784		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	05/16/06	05/16/06 13:05	SDU	MS-V12	1	BPE0784		
4-Bromofluorobenzene (Surrogate)	98.4	%	86 - 115 (LCL - UCL)		EPA-8260	05/16/06	05/16/06 13:05	SDU	MS-V12	1	BPE0784		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Total Petroleum Hydrocarbons

BCL Sample ID: 0604561-04		Client Sample Name: 0220, MW-4, MWV-4, 5/4/2006 12:28:00PM, Nate, Anthony											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Diesel Range Organics (C12 - C24)	6000	ug/L	2000		Luft/TPHd	05/17/06	05/22/06 23:37	VTR	GC-2	10.00	BPE1109	ND	A01, A52
Tetracosane (Surrogate)	64.3	%	42 - 125 (LCL - UCL)		Luft/TPHd	05/17/06	05/22/06 23:37	VTR	GC-2	10.00	BPE1109		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Volatile Organic Analysis (EPA Method 8260) Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Control Limits		
									Percent Recovery	RPD	Percent Recovery Lab Quals
Benzene	BPE0784	BPE0784-MS1	Matrix Spike	ND	25.000	25.000	ug/L		100		70 - 130
		BPE0784-MSD1	Matrix Spike Duplicate	ND	25.580	25.000	ug/L	1.98	102	20	70 - 130
Toluene	BPE0784	BPE0784-MS1	Matrix Spike	ND	23.560	25.000	ug/L		94.2		70 - 130
		BPE0784-MSD1	Matrix Spike Duplicate	ND	24.490	25.000	ug/L	3.95	98.0	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BPE0784	BPE0784-MS1	Matrix Spike	ND	10.380	10.000	ug/L		104		76 - 114
		BPE0784-MSD1	Matrix Spike Duplicate	ND	10.190	10.000	ug/L		102		76 - 114
Toluene-d8 (Surrogate)	BPE0784	BPE0784-MS1	Matrix Spike	ND	10.090	10.000	ug/L		101		88 - 110
		BPE0784-MSD1	Matrix Spike Duplicate	ND	9.9300	10.000	ug/L		99.3		88 - 110
4-Bromofluorobenzene (Surrogate)	BPE0784	BPE0784-MS1	Matrix Spike	ND	9.8700	10.000	ug/L		98.7		86 - 115
		BPE0784-MSD1	Matrix Spike Duplicate	ND	9.9500	10.000	ug/L		99.5		86 - 115



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Total Petroleum Hydrocarbons Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Control Limits		
									Percent Recovery	RPD	Percent Recovery Lab Quals
Diesel Range Organics (C12 - C24)	BPE1109	BPE1109-MS1	Matrix Spike	ND	367.80	500.00	ug/L		73.6		41 - 139
		BPE1109-MSD1	Matrix Spike Duplicate	ND	368.14	500.00	ug/L	0.00	73.6	30	41 - 139
Tetracosane (Surrogate)	BPE1109	BPE1109-MS1	Matrix Spike	ND	15.677	20.000	ug/L		78.4		42 - 125
		BPE1109-MSD1	Matrix Spike Duplicate	ND	13.928	20.000	ug/L		69.6		42 - 125



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Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Volatile Organic Analysis (EPA Method 8260) Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BPE0784	BPE0784-BS1	LCS	25.250	25.000	1.0	ug/L	101		70 - 130		
Toluene	BPE0784	BPE0784-BS1	LCS	24.340	25.000	1.0	ug/L	97.4		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPE0784	BPE0784-BS1	LCS	10.230	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BPE0784	BPE0784-BS1	LCS	9.9700	10.000		ug/L	99.7		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPE0784	BPE0784-BS1	LCS	9.7200	10.000		ug/L	97.2		86 - 115		



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21 Technology Drive
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Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Total Petroleum Hydrocarbons Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Diesel Range Organics (C12 - C24)	BPE1109	BPE1109-BS1	LCS	413.66	500.00	200	ug/L	82.7		62 - 101		
Tetracosane (Surrogate)	BPE1109	BPE1109-BS1	LCS	14.916	20.000		ug/L	74.6		42 - 125		



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Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Volatile Organic Analysis (EPA Method 8260) Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BPE0784	BPE0784-BLK1	ND	ug/L	1.0	0.13	
Ethylbenzene	BPE0784	BPE0784-BLK1	ND	ug/L	1.0	0.14	
Methyl t-butyl ether	BPE0784	BPE0784-BLK1	ND	ug/L	2.0	0.15	
Toluene	BPE0784	BPE0784-BLK1	ND	ug/L	1.0	0.15	
Total Xylenes	BPE0784	BPE0784-BLK1	ND	ug/L	1.0	0.40	
Total Purgeable Petroleum Hydrocarbons	BPE0784	BPE0784-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BPE0784	BPE0784-BLK1	101	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPE0784	BPE0784-BLK1	98.3	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPE0784	BPE0784-BLK1	99.7	%	86 - 115 (LCL - UCL)		



TRC Alton Geoscience
21 Technology Drive
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Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Total Petroleum Hydrocarbons Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Diesel Range Organics (C12 - C24)	BPE1109	BPE1109-BLK1	ND	ug/L	200	26	
Tetracosane (Surrogate)	BPE1109	BPE1109-BLK1	79.4	%	42 - 125 (LCL - UCL)		



TRC Alton Geoscience
21 Technology Drive
Irvine CA, 92618-2302

Project: 0220
Project Number: [none]
Project Manager: Anju Farfan

Reported: 05/23/06 14:40

Notes and Definitions

- A52 Chromatogram not typical of diesel.
- A01 PQL's and MDL's are raised due to sample dilution.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Submission #: 06-04561

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery BC Lab Field Service Other (Specify)

SHIPPING CONTAINER

Ice Chest None Box Other (Specify)

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals: Ice Chest Containers None Comments:

Intact? Yes No

Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No

Description(s) match COC? Yes No

COC Received YES NO

Ice Chest ID: BLW
Temperature: 3.3 °C
Thermometer ID: #118

Emissivity: 0.95
Container: Voss

Date/Time: 5/9/06
Analyst Init: OTD

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE/ NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A.3	A.3	A.3	A.3						
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: Sample Numbering Completed By: WFI Date/Time: 0930 5-9-06

Submission #: 06-04561

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express UPS Hand Delivery BC Lab Field Service Other (Specify)

SHIPPING CONTAINER

Ice Chest None Box Other (Specify)

Refrigerant: Ice Blue Ice None Other Comments:

Custody Seals: Ice Chest Containers None Comments: Intact? Yes No

All samples received? Yes No All samples containers intact? Yes No Description(s) match COC? Yes No

COC Received YES NO

Ice Chest ID: B1W Temperature: 3.3°C Thermometer ID: #48

Emissivity: 1.00 Container: OPA

Date/Time: 5/9/06 Analyst Init: OTD

Table with columns for Sample Containers and Sample Numbers (1-10). Rows include various analytical methods like QT GENERAL MINERAL, PT PE UNPRESERVED, etc.

Comments: Sample Numbering Completed By: WPI Date/Time: 0930 5-9-06

BC LABORATORIES, INC.

4100 Atlas Court □ Bakersfield, CA 93308
(661) 327-4911 □ FAX (661) 327-1918

CHAIN OF CUSTODY

Analysis Requested

Circle one: Phillips 66 / Unocal		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ MTBE & oxygenates	BTEX/MTBE/GASES BY 8260B	ETHANOL by 8260B	TPPH by 8260B	Turnaround Time Requested
Address: 720 N. Franklin St 0604561		21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan										
City: Fort Bragg		4-digit site#: 0220										
State: CA Zip: _____		Workorder # 0927TRC502										
Phillips 66 /Unocal Mgr: _____		Project #: 41050001										
		Sampler Name: Anthony/Nate										

Lab#	Sample Description	Field Point Name	Date & Time Sampled									
-1	MW-8		5-4 1316	6v					X		X	
-2	MW-11		1302						X		X	
-3	MW-1		1241				X		X		X	
-4	MW-4		1228				X		X		X	

CHK BY: DISTRIBUTION
 JERISUM
 SUB OUT

Comments: GLOBAL ID: T0604593174	Relinquished by: (Signature) <i>[Signature]</i>	Received by: cooler on ice	Date & Time 05-04-06 1325
	Relinquished by: (Signature) <i>[Signature]</i>	Received by: Ross Dickey	Date & Time 5/8/06 1530
	Relinquished by: (Signature) Ross Dickey 5/8/06	Received by: Nate M. Bopp	Date & Time 5-8-06 2135

(A) = ANALYSIS (C) = CONTAINER
NORTHERN CA

(P) = PRESERVATIVE
[Signature]

Toni Obateri 5/9/06 0030

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.